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1901-1902.

TIME TABLE—FACULTIES OF ARTS AND SCIENCE.

Years.	Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
First Year.	9	Jun. Chem...	.....	Jun. Chem...	.....	Jun. Chem...
	10	Latin.....	Greek.....	Latin.....	Greek.....	Latin.....
	11	Jun. Math...	Jun. Math...	Jun. Math...	Jun. Math.....	Jun. Math....
	12	.....	English.....	.....	English.....	.....
	2	2nd German.	2nd French ..	2nd German.	2nd French....	2nd German..
	"	Botany*.....	.....	.....	.....	.....
	3	1st German..	1st French...	1st German..	1st French.....	1st German...
	"	Botany*.....	.....	.....	.....	.....
Second Year.	9	3rd German..	3rd French...	3rd German..	3rd French....	3rd German..
	"	.....	Sen. Chem...	.....	Sen. Chem.....	.....
	10	Sen. Math...	Sen. Math...	Sen. Math...	Sen. Math.....	Sen. Math....
	"	.....	.....	.....	.....	Sen.Chem (Md)
	11	Latin'.....	Greek.....	Latin.....	Greek.....	Latin.....
	"	.....	Jun. Physics.	.....	Jun. Physics ..	.....
	12	English.....	Jun. Phil....	English.....	Jun. Phil.....	English.....
	2	2nd German.	2nd French..	2nd German..	2nd French....	2nd German..
	4	Jun. Physics.	.....	.....	.....	Jun. Phil ....
Third Year.	9	3rd German..	3rd French ..	3rd German..	3rd French....	3rd German ..
	"	....	Const. Hist..	.....	Const. Hist....	.....
	"	.....	Sen. Chem ..	Adv. Classics.	Sen. Chem.....	.....
	10	Sen. Physics.	1st Greek....	Sen. Physics.	1st Greek.....	.....
	"	.....	English.....	.....	English.....	.....
	"	Sen. Phil. ...	Pol. Economy	Sen. Phil....	Pol. Economy..	Sen.Chem (Md)
	"	Mod. Phil....	App. Mechan.	Mod. Phil....	App. Mechanics	.....
	11	Jun. History.	Jun. Physics.	Jun. History.	Jun. Physics...	Jun. History..
	"	.....	Mineralogy...	.....	Mineralogy.....	Acoustics.....
	12	Latin.....	Greek	Latin..	Greek	Adv. Classics..
	"	Adv. Math..	.....	Adv. Math...	....	Adv. Math....
	2	2nd German.	2nd French..	2nd German..	2nd French....	2nd German..
	"	Botany *.....	.....	.....	.....	.....
	2 30	.....	Zoology	.....	Zoology	.....
	3	1st German..	1st French..	1st German..	1st French.....	1st German .
	"	Moral Phil...	Adv. Phil....	....	Adv. Phil.....	Moral Phil....
	"	Greek Phil...	Bib. Liter ...	.....	Bib. Liter.....	Greek Phil....
	"	Botany*	.....	.....	....	.....
	4	Jun. Physics.	.....	Education....	.....	.. ..
Fourth Year.	9	3rd German.	3rd French..	3rd German..	3rd French....	3rd German ..
	"	Adv. English.	.....	Const. Law..	.....	Const. Law .
	"	.....	Sen. Chem...	Adv. Classics.	Sen. Chem	Adv. English .
	10	Sen. Phil...	Pol. Economy	Sen. Phil. .	Pol. Economy..	.....
	"	.....	.....	.....	Const. Law....	Sen.Chem(Md)
	"	Sen. Physics.	App. Mechan.	Sen. Physics.	App. Mechanics	Adv. Exp.Phys
	11	Adv. Mat. Phy	Sen. History.	Adv. Mat. Phy	Sen. History ..	....
	"	.....	Mineralogy...	.....	Mineralogy	....
	"	.....	2nd Greek...	.....	2nd Greek	.....
	12	Latin.....	3rd Greek....	Latin.....	3rd Greek.....	Adv. Classics.
	"	.....	.....	Contracts....	....	Contracts ....
	"	....	Adv. Math...	.....	Adv. Math.....	Adv. Math....
	1	.....	.....	.....	.....	Adv. Math....
	2	2nd German..	2nd French..	2nd German.	2nd French....	2nd German..
	"	Botany*	.....	.....	.....	....
	2.30	.....	Zoology	.....	Zoology	....
	3	Moral Phil...	Adv. Phil	.....	Adv. Phil.....	Moral Phil....
	"	Greek Phil...	Bib. Liter....	.....	Bib. Liter.....	Greek Phil....
	"	Botany*	....	.....	.....	....
	4	.....	English.....	Education	English.....	.....

N. B.—The days and hours of meeting of classes not mentioned in this Time Table will be arranged at the opening of the session.

* The time of meeting of the Botany class may, in the event of conflict, be changed.

CALENDAR

OF

DALHOUSIE COLLEGE

AND

UNIVERSITY.

HALIFAX, NOVA SCOTIA.

1901-02.

HALIFAX:
PRINTED FOR THE UNIVERSITY BY THE MCALPINE PUBLISHING CO.
1901.

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UNIVERSITY ALMANAC, 1901-1902.

1901.

Aug. 15. Th.—Last day for receiving applications for Matriculation Examination (Provincial Medical Board.)

19. M.—Last day for receiving notices of Supplementary Examinations (Medical Faculty.)

27. Tu.—Last day for receiving notices of Supplementary Examinations (Law Faculty).

29. Th.—Session Medical Faculty) begins. Matriculation Examination (Prov. Med. Board) begins at 9 A. M., at Medical College.

Sept. 2. M.—Supplementary Examinations begin (Medical Faculty), 10 A.M.

" " Results Matriculation Examination (Prov. Med. Board) declared, and certificates issued.

" " Registration and payment of Class Fees (Medical Faculty) 11 A. M.

3. Tu.—Lectures begin at Halifax Medical College.

" " Session begins (Law Faculty).

10 A. M., Registration and payment of Class Fees.

3 P. M., Supplementary Examinations.

4. W.—Lectures begin (Law Faculty).

7. Sa.—10 A. M., Meeting of Senate.

10 A. M., Meeting of Faculty of Arts.

9. M.—Last day for receiving notices of Supplementary Examinations (Arts and Science Faculties).

10. Tu.—Session begins (Arts and Science Faculties).

3 P. M., Registration of candidates for Matriculation and Scholarship Examinations (Arts and Science Faculties).

11. W.—Examination for Junior and Senior Matriculation and for Entrance Scholarships (Arts and Science Faculties).

9.45 A. M., Latin.

3 P. M., Greek.

12. Th—10 A. M., Geometry.

3 P. M., Arithmetic, Algebra.

13. F.—10 A. M., History and Geography,

3 P. M., English.

14. Sa.—10 A. M., French.

3 P. M., German.

16. M.—10 A. M., Chemistry.

" " 10 A. M., Supplementary Examinations begin (Arts and Science Faculties).

18. W.—9 A. M., Meetings of Faculties of Arts and Science.

3 P. M., CONVOCATION. Address by Prof. D. A. Murray, Ph. D.

19. Th.—Registration and payment of class fees (Arts and Science Faculties).

" " Lectures begin (Arts, Science and Medical Faculties).

Oct. 1. Tu.—Intimation as to elective subjects to be made by undergraduates (Arts Faculty) on or before this day.

3. Th.—4.30 P. M., Meeting of Faculty of Law.

14. M.—Returns as to residence and church attendance to be made on or before this day.

19. F.—4.30 P. M., Meeting of Faculties of Arts and Science.

Nov. 7. Th.—4.30 P. M., Meeting of Faculty of Law.
—. Th.—Thanksgiving Day.—No lectures.
—. F. —Munro Day.—No lectures.
Dec 5. Th.—4.30 P. M., Meeting of Faculty of Law.
12. Th.—Last day of lectures (Arts and Science Faculties).
14. Sa.—Christmas Examinations (Arts and Science Faculties) begin:
9.00 A. M., Junior Philosophy, Senior Physics.
3.00 P. M., Junior Physics.
16. M.— 8.45 A. M., Latin.
11.15 A. M., French.
3.00 P. M., Botany.
17. Tu. —9.00 A. M., German.
11.15 A. M., Junior and Senior Mathematics.
3.00 P. M., First English, Moral Philosophy.
18. W.— 9.00 A. M., Political Economy.
11.15 A. M., Second, Third and Fourth English.
3.00 P. M., Chemistry, Senior Philosophy.
19. Th.—9.00 A. M., Greek.
11.15 A. M., Senior History.
3.00 P. M., Junior and Senior Mathematics, Junior History, Applied Mechanics.
28. F. —Last day of lectures (Law and Medical Faculties).

1902.

Jan. 2. Th.—Lectures resumed(Faculty of Law).
7. Tu.—Lectures resumed (Faculties of Arts, Science and Medicine.)
24. F. —4 P. M., Meeting of Senate.
Feb. 6. Th. —4.30 P. M., Meeting of Faculty of Law.
14. F. —Last day of Lectures (Faculty of Law).
15. Sa.—Sessional Examinations begin (Faculty of Law).
10 A. M., Equity.
17. M. —10 A. M., Constitutional History, International Law.
3 P. M., Constitutional Law.
18. Tu.—10 A. M., Sales.
3 P. M., Crimes.
12. W. —Ash Wednesday—No Lectures.
" " 10 A. M., Real Property, Advanced.
3 P. M., Torts.
20. Th.—10 A. M., Evidence.
3 P. M., Real Property, 1st Year.
21. F. —10 A. M., Contracts, Conflict of Laws.
3 P. M., Shipping.
Mar. 1. Sa.—Last day for receiving M. A., M. L., and M. Sc. Theses.
28. F. —Good Friday.—No Lectures.
Apr. 2. W.—Last day for receiving applications for Primary and Final M. D., C. M. Examinations.
8 Tu.—Last day of lectures (Faculties of Arts and Science).
10. Th.—Last day of lectures (Faculty of Medicine).
" " Spring Examinations (Faculties of Arts and Science) begin.
9.00 A. M., Senior and Junior Philosophy.
3.00 P. M., Education.
11. F. —9.00 A. M., Practical Chemistry (Laboratory, 1st Division.)
2.30 P. M., Practical Chemistry (Laboratory, 2nd Division).
12. Sa.—8.45 A. M., Latin.
11.15 A. M., French.
3.00 P. M., Practical Physics.

Apr 14. M.—Class certificates (Medical Faculty, and Hx. Med. College), issued on presentation of class fee receipts at Registrar's office, Dalhousie College, 11 A. M., and at Secretary's office, Hfx. Med. College, respectively.
" " Spring Examinations continued:
9.00 A. M., Second, Third and Fourth English.
11.15 A. M., Additional French.
3.00 P. M., Junior Physics.
15 Tu.—9.00 A. M., First English, Additional Third English.
11.15 A. M., Political Economy, Mineralogy.
3.00 P. M., Sen. Physics; Addit. Jun. and Sen. Philosophy.
16. W.—Primary and Final M. D., C. M. Examinations begin. Spring Examinations continued:
9.00 A. M., Jun. and Sen. Practical Chemistry (written.)
11.15 A. M., Mathematics, Junior History.
3.00 P. M., Additional Latin; Additional Education; Junior Anatomy; Materia Medica and Therapeutics; Surgery.
17. Th.—9.00 A. M., Junior and Senior Chemistry.
3.00 P. M., Addit. Greek; Medical Jurisprudence and Hygiene; Medicine.
18. F.—9.00 A. M., Greek.
11.00 A. M., Sen. History.
3.00 P. M., Moral Philosophy; Sen. Anatomy; Pathology.
21. M.—9.00 A. M., Mathematics; Addit. Sen. Physics.
11.15 A. M., Addit. Junior Physics.
3.00 P. M., Addit. History; Addit. First and Second English; Histology; Obstetrics and Diseases of Women and Children.
22. Tu.—9.00 A. M., Addit. Mathematics; Addit. Moral Philosophy; Oral Examination in Chemistry.
2.00 P. M., Clinical Medicine at Victoria General Hospital.
2.30 P M., Oral Exams. in Chem., Med. Jurisprudence and Hygiene, Mat. Medica and Therapeutics.
3.00 P. M., German.
23. W.—9.00 A. M., Addit. German.
11.45 A. M., Addit. Political Economy.
2.00 P. M., Clinical Surgery at Victoria General Hospital.
3.00 P. M., Botany; Addit. 1st and 2rd German; Physiology.
24. Th.—9.00 A. M., Zoology.
2.30 P. M., Oral Exams., Anatomy, Pathology.
25. F.—2.30 P. M., Oral Exams., Physiology, including Histology; Surgery; Medicine; Obstetrics and Diseases of Women and Children.
26. Sa.—Meeting of Faculties of Arts and Science at 9 A. M.
" " Meeting of Faculty of Medicine at 4 P. M.
28. M.—Meeting of Senate at 9 A. M.
" " Results of Examinations (Faculties of Arts, Science and Medicine) declared.
29. Tu.—CONVOCATION, at 3 P. M.

N. B.—The dates of the Examinations are liable to change as circumstances may demand.

HISTORICAL SKETCH.

DALHOUSIE COLLEGE was founded by the Right Honourable George Ramsay, Ninth Earl of Dalhousie, in 1821, "for the education of youth in the higher branches of science and literature."

The original endowment was derived from funds collected at the port of Castine, in Maine, during its occupation in 1814 by Sir John C. Sherbrooke, then Lieutenant-Governor of Nova Scotia. These funds the British Government authorized the Earl of Dalhousie, Sir John's successor, to expend "in defraying the expense of any improvement which it might seem expedient to undertake in the Province;" and the Earl, believing that "a Seminary for the higher branches of education is much needed in Halifax—the seat of the Legislature—of the courts of justice—of the military and mercantile Society," decided upon "founding a College or Academy on the same plan and principle of that at Edinburgh," "open to all occupations and sects of religion, restricted to such branches only as are applicable to our present state, and having the power to expand with the growth and improvement of our society."

The original Board of Governors consisted of the Governor-General of British North America, the Lieutenant-Governor of Nova Scotia, the Bishop, the Chief Justice and President of Council, the Provincial Treasurer and Speaker of the House of Assembly.

After unsuccessful efforts on the part of both the British Government and the Board of Governors to effect a union with King's College, the only other then existing in the Province, this College went into operation in 1838, under the Presidency of the Rev. Thomas McCulloch, D.D., and with a staff of three Professors.

By an Act passed in 1841, University powers were conferred on the College, and the appointment of the Governors was vested in the Lieutenant-Governor and Council.

In 1843, President McCulloch died; and in 1845, the College was closed, the Governors considering it "advisable to allow the funds of the institution to accumulate."

In 1848, an Act was passed authorizing the Lieutenant-Governor and Council to appoint a new Board of Governors "to take some steps for rendering the institution useful and efficient as to His Excellency may seem fit." This Board, from 1849 to 1859, employed the Funds of the University to support a High School.

In 1856, the Arts department of the Gorham College, Liverpool, N. S., was transferred to this College "with a view to the furtherance of the establishment of a Provincial University," and an attempt was made to conduct the Institution as a University under the Act of 1841. This union, however, came to an end in 1857.

In 1863 the College was re-organized under the following Act:

An Act for the Regulation and Support of Dalhousie College.

(Passed the 20th day of April, A D., 1863.)

WHEREAS, it is expedient to extend the basis on which the said College is established, and to alter the constitution thereof, so as the benefits that may be fairly expected from its invested capital and its central position may, if possible, be realized, and the design of its original founders, as nearly as may be, carried out

Be it enacted by the Governor, Council, and Assembly, as follows:—

1. The Board of Governors now appointed, consisting of the Honorable William Young, the Honorable Joseph Howe, Charles Tupper, S. Leonard Shannon, John W. Ritchie, and James F. Avery, Esquires, shall be a body politic and corporate by the name and style of the Governors of Dalhousie College at Halifax, and shall have and exercise all usual powers and authorities as such, and have the title, control and disposition of the buildings on the Parade, at Halifax, and of the property and funds belonging to the said college and held for the use thereof, by the present Governors; and all vacancies at the Board shall be filled up on recommendation of the remaining members thereof by the Governor-in-Council; and any of the Governors shall be removed by the Governor-in-Council, at the instance of the Board of Governors.

2. Whenever any body of Christians, of any religious persuasion whatsoever, shall satisfy the Board that they are in a position to endow and support one or more chairs or professorships in the said College, for any branch of literature or science, approved by the Board, such body in making such endowment, to the extent of twelve hundred dollars a year, shall have a right, from time to time, for every chair endowed, to nominate a Governor to take his seat at the Board with the approval of the Board of Governors and of the Governor-in-Council, and shall also have a right, from time to time, to nominate a Professor for such chair, subject to the approval of the Board of Governors; and in the event of the death, removal, or resignation of any person nominated under this section, the body nominating shall have the power to supply the vacancy thus created.

3. The same right of nominating a Professor from time to time shall belong to any individual or number of individuals, who shall endow to the same extent and support a chair or Professorship, and to the nominee of any testator by whose will a chair or professorship may be so endowed

4. The Governors shall have power to appoint, and to determine the duties and salaries of the President, Professors, Lecturers, Tutors, and other officers of the College, and from time to time to make statutes and by-laws for the regulation and management thereof, and shall assemble together as often as they shall think fit, and upon such notice as to them shall seem meet, and for the execution of the trust hereby reposed in them.

5. The said college shall be deemed and taken to be a University, with all the usual and necessary privileges of such institutions; and the students shall have liberty and faculty of taking the degrees of bachelor master, and doctor, in the several arts and faculties at the appointed times; and shall have liberty within themselves of performing all scholastic exercises for the conferring of such degrees, and in such manner as shall be directed by the statutes and by-laws

6. No religious tests or subscriptions shall be required of the professors, scholars, graduates, students, or officers of the College.

7. The internal regulations of the said College shall be committed to the Senatus Academicus, formed by the respective chairs or professorships thereof subject in all cases to the approval of the Governors.

8 The Legislature shall have power, from time to time, to modify and control the powers conferred by this Act.

9 The Acts heretofore passed in relation to Dalhousie College are hereby repealed, except the Act passed in the fourth year of his late Majesty King George the Fourth, entitled, "An Act authorizing the lending of a sum of money to the Governors of Dalhousie College, and for securing the payment thereof"

This Act was afterwards amended by the following Acts:

An Act to amend the Act for the Regulation and support of Dalhousie College,

(Passed the 6th day of May, A. D., 1875.)

Be it enacted by the Governor, Council, and Assembly, as follows:

1. The present Board of Governors, consisting of nine persons, shall be increased to a number not exceeding fifteen; and the Board shall be filled up with new nominations made on the same principle as set forth in the first section of the Act hereby amended; and any of the Governors shall be removable, as heretofore by the Governor-in-Council.

2. The Governors shall have power to affiliate to Dalhousie College any other college desirous of such affiliation, or any schools in arts, in theology, in law, or in medicine, and to make statutes for such affiliations, and for the regulation and management thereof, on the same principles as obtain in other Universities, and to vary and amend such statutes from time to time. Provided always, that such statutes of affiliation, before they go into effect, shall be submitted to and receive the sanction of the Governor-in-Council.

3. So much of Chapter 24 of the Acts of 1863, entitled, "An Act for the Regulation and Support of Dalhousie College," or of any other Act as is inconsistent with this Act, is repealed.

An Act to provide for the Organization of a Law Faculty in connection with Dalhousie College, and for other purposes.

(Passed the 14th day of April, A. D., 1881.)

Be it enacted by the Governor, Council, and Assembly, as follows:—

1. The Governors of Dalhousie College, at Halifax, shall in addition to the powers conferred on them by section 2 of chapter 27 of the Acts of 1875, entitled, "An Act to amend the Act for the Regulation and Support of Dalhousie College," have power to organize a Faculty of Law in connection with such College, and to appoint professors or lecturers in law, and out of the revenues of the College to provide for the maintenance and support of such Faculty, and to make rules for the regulation and management of such Faculty, and for the granting of degrees in law on the same principles as obtain in other universities, and to vary and amend such rules from time to time.

2. Section 3 of Chapter 24 of the Acts of 1863, entitled, "An Act for the regulation and support of Dalhousie College," is amended by adding the words "and governor" after the word "professor" in the said section, and any individual who has hitherto endowed a Chair or Chairs in the College shall have a right to nominate a governor for each Chair endowed, in the same way as if section 3 aforesaid had been originally passed as now amended.

3. Section 1 of the said chapter 27 of the Acts of 1875, is amended by adding the words "provided, however, that in the event of any body of Christians, individual, or number of individuals, endowing and supporting one or more Chairs or professorships in the said College, as provided by sections 2 and 3 of the Act hereby amended, and of such body of Christians or individuals nominating a professor or governor by virtue thereof, the number of governors may be increased beyond fifteen, but such increase shall be limited to the number of such chairs or professorship as may after the passing of this Act be founded by virtue of said sections 2 and 3."

In pursuance of the Act of 1863, the Presbyterian Church of the Lower Provinces closed their College, and agreed to support two chairs in this University; the Synod of the Maritime Provinces in connection with the Church of Scotland founded one chair; and the College opened in that year, under the Principalship of Rev. James Ross, D.D., and with an Arts Faculty of six Professors On the death of Principal Ross in 1885, and Professor Lyall in 1890, the Presbyterian Church withdrew the two Professorships they had previously supported.

In 1868, a Faculty of Medicine was organized, which, in 1875, developed into the Halifax Medical College. In 1885 the Faculty was re-organized.

In 1883 the Faculty of Law, and, in 1891, the Faculty of Pure and Applied Science, were added.

In 1879, the late GEORGE MUNRO, of New York, a native of this Province, placed in the hands of the Governors the funds necessary for the endowment of a Professorship of Physics. In 1881 he established a Professorship of History and Political Economy. In 1882, he founded a chair of English Language and Literature. In 1883 he added to the staff of the College a Professor of Constitutional and International Law. In 1884 he founded a Professorship of Philosophy. From 1883 till 1890 he provided Tutors in Classics and Mathematics. From 1880 to 1894 he provided the University with Exhibitions and Bursaries to the amount of $83,148.69, which, according to his own desire, were so offered for competition as to stimulate to greater activity and efficiency the High Schools and Academies of Nova Scotia and the neighboring Provinces.

The Governors desire to place on permanent record their high sense of Mr. Munro's enlightened public spirit, and their gratitude to him for the munificent manner in which he came to their help in the work of building up an unsectarian University in Nova Scotia.

To connect the donor's name for all time with the benefits thus conferred both on the University and on his native country, the chairs which he founded shall be called the GEORGE MUNRO CHAIRS of PHYSICS, of HISTORY AND POLITICAL ECONOMY, of ENGLISH LANGUAGE AND LITERATURE, of CONSTITUTIONAL AND INTERNATIONAL LAW, and of PHILOSOPHY, respectively.

In 1882, ALEXANDER MCLEOD, Esq., of Halifax, bequeathed to the University the residue of his estate. The following is an extract from his will:

"All the residue of my estate I give and bequeath to the Governors of Dalhousie College or University in the City of Halifax in Trust, that the same shall be invested and form a fund to be called the McLeod University Fund, and the interest and income of which shall be applied to the endowment of three or more professorial chairs in said College as they may deem proper; but this bequest is made upon these conditions namely, that if at any time the said College or University shall cease to exist, or be closed for two years, or be made a sectarian college, then and in any such case, the said fund and all accumulations thereof shall go to the said Synod of the Maritime Provinces of the Presbyterian Church in Canada, to be used for the purposes of higher education in connection with said Synod, and it is further stipulated that no part of this fund shall ever be used, either by said Governors of Dalhousie College or by the said Synod, as a collateral security under any circumstances whatever."

According to the provisions of the will, the MCLEOD CHAIRS of CLASSICS, CHEMISTRY, and MODERN LANGUAGES were founded.

In 1886, the late SIR WILLIAM YOUNG, one of the oldest and best friends of the College, subscribed $20,000 to start a Building Fund. In 1887, Sir William Young bequeathed to the University half the residue of his estate, together with a Prize Fund of $4,000, and the amonnt remaining unpaid of his subscription to the Building Fund. The following are extracts from his will:

"I bequeath to the Governors of Dalhousie College at Halifax the sum of $4,000 to be kept continually invested by them, and that they shall apply the income derived therefrom in founding and maintaining a prize of a gold medal of the value of $50, to be called Sir William Young's medal, and to be annually awarded for scholastic eminence. and to have the recipient's name engraved thereon, with the year of his attendance at College, and in founding and maintaining such other prizes for distribution among the students of said College as the Governors may from time to time approve.

"Having agreed and promised to the Governors of Dalhousie College to pay them the sum of $20,000 to aid in the erection of their building now in progress, I direct my executors to pay the said sum from time to time as it may be required by the said Governors.

"All the rest and residue of my estate I direct my executors to divide into two even and equal parts or shares, and to pay over one such part or share to * * *, and the other part or share to the Governors of Dalhousie College at Halifax for the general purposes of said College

"In the event of my having paid to Dalhousie College during my life-time any part of said sum of $20,000 hereinbefore mentioned, as agreed to be paid to them to aid in the erection of the college buildings, I do direct my executors to pay to said Governors the balance only, if any, that may be due on said sum at the time of my decease."

In 1887, by the will of the late J. F. Avery, M. D., of Halifax, the following bequest was made to the College:

"I give and bequeath the sum of $500 to Dalhousie College in the City of Halifax, to be at the disposal of the Senatus of the said College, and the interest thereof to be appropriated for an annual prize."

In 1887, by the will of the late MRS. HARRIET ELIZABETH MACKENZIE, or MORRISON, of Stornaway, Scotland, formerly of Pictou, N. S., the following bequest was made to the College:

"To Dalhousie College, £1,000 for founding a bursary for students attending said College, subject to such conditions and regulations as the governing body of said College may appoint, but with this proviso that said bursary shall be called the 'Mackenzie Bursary,' and that students of the name of Mackenzie, Maclean, and Fraser shall have a preference in the selection of beneficiaries therefor."

In 1890, by the will of the late JOHN P. MOTT, ESQ., of Halifax, the following bequest was made to the College:

"I give and bequeath to the Board of Governors of Dalhousie College, or to such individuals or organization in whom or in which the control of such College shall be legally vested, the sum of ten thousand dollars, to be legally invested by the said Governors, individuals or organization, and the proceeds applied for the benefit of such College so long as it shall remain and continue to be a non-sectarian institution as at present."

In 1901 the College received the following bequest from the late Professor Charles Macdonald, M. A.:—

"To Dalhousie College Library Fund two thousand dollars for the purchase of books chiefly in English literature; the annual interest of this sum only to be employed or used."

The following donations have been made to the Endowment Fund:

Sir William Young, Hon. W. J. Stairs, Hon. Stayley Brown, John Gibson, John P. Mott, Wm. P. West, Thos. A. Ritchie, and Hon. Robert Boak, $1,000 each; Thos. E. Fraser, $600; Adam Burns, Peter Jack, Hon. Jeremiah Northup, Prof. Lawson, Alex. McLeod, Hon. J. W. Carmichael, Prof. Macdonald, Prof. Weldon, $500; Prof. J. G. MacGregor, $400; D C. Fraser, M P., J. M. Carmichael, George F. McKay, Prof H. Murray, $250 each; Sinclair & Patterson, $240; Hugh MacKenzie, C. H. Cahan, $200 each; J. F. McLean, $150; Israel Longworth, R. J. Turner, George Campbell, Mrs. J. R. Dickie, J. C. Mahon, H. T. Sutherland, Senator McKay, $100 each; C. A. Robson, $75; Rev. Dr. Burns, $60; Angus Chisholm, J. Heywood McGregor, P. A. McGregor, S. Fraser, J. H. McKay, W. R. Campbell, W. S. Muir, M. D., Martin Dickie, D. H. Smith, Angus Murray, F. A. Laurence, M. P. P, Wm Donald, W. H. Magee, Ph. D., $50 each; with smaller sums amounting to $280.

The following subscriptions have been made to the Building Fund:

Rev. Louis H. Jordan, $1,000; John Doull, John S. Maclean, Hon. R. Sedgwick, $750; Thomas Bayne, John Macnab, Adam Burns, Hon R. Boak, Dr. Avery, $500 each; President Forrest, $375; James Forrest, $300; Prof. John Johnson, Peter Jack, William Miller, Prof. Macdonald, $250 each; Prof MacGregor, A & W. Mackinlay, $225 each; Prof. W. J. Alexander, Judge Graham, $200 each; James Scott, R. B. Seeton, Rev Dr. McMillan, Wm. Robertson, J. C. Mackintosh, H. McD. Henry, John Y. Payzant, Pearson, Morrison & Forbes, $150 each; J. J. Stewart, $120, Rev E. Scott. Peter Ross, H. W. C. Boak, Pictou Academy, $100 each; Wm. B. Wallace, Arthur Drysdale, E L. Newcombe, Alfred Costley, H. W. Barnes, Hugh McKenzie, $75 each; W C. Silver, Graham Fraser, $50 each; with smaller sums amounting to $95.

The following subscriptions have been made from time to time to meet current expenses:

John Doull, $2 900; Adam Burns, $2,625; W. J. Stairs, $1,450; Hon. R. Boak. $1,410; Donald Keith, $1,000; Rev. Pres Forrest, $900; W. B Ross, $800; Prof. J. Johnson, LL. D., $600; Hon. Sir W. Young, Thos Ritchie, Prof B Russell, D. C. L., Prof. W. Murray, Farquhar, Forrest & Co, and the Class of 1893, $500 each; Rev. J. McMillan, D.D., $450; A. H. McKay, LL. D., $413 21; J D. MacGregor, $400; J. S. Maclean, Prof. J. Liechti, Drysdale & McInnes, D. A. Campbell, M. D., and Prof. D. A. Murray, $300 each; R. L. Borden, and J. C. Mackintosh, $250 each; J. Avery, M. D., Sir S. Fleming, Rev. Prin. Grant, LL. D., Thos. Bayne, John Gibson, John Macnab and J. A. Turnbull, $200 each; Jas. Scott and A. K. MacKinlay $180 each; The Medical Faculty, $310; Hon. A. G. Jones, Geo. Thomson, and Geo Campbell, M. D, $150 each; W. Dennis, H. W. Barnes, W. & J. Macdonald, $125 each; J. J. Bremner, $120; B. H Collins, J. Donaldson, Prof. J. DeMille, Prof. G. Lawson, LL. D., Alex. McLeod, R Morrow, Hon. J. Northup, Jos. Northup, T. A. Ritchie, Rev. Prin. Ross, D.D., E. Smith, R. H. Skimmings, John

Stairs, James Thomson, Sir C. Tupper, James Thompson (Pictou), J. McG. Stewart, J. H. McKenzie, A. K. McLean, W. D. Cameron, and G. S. Campbell, $100 each; Hon. J. W. Carmichael, C. D. Hunter, Maj -Gen. Laurie, Lawson, Harrington & Co. Prof. C Macdonald, J. P. Mott, and Hon Judge Ritchie, $30 each; E. M. Macdonald and R. L. Schwartz, $75 each; G. P. Mitchell, Hon S. L. Shannon, and Rev. A Rogers, $60 each; J. B. Duffus, R. W. Fraser, Peter Jack, W. H. Neal, C. M. Blanchard, Chas. Morash, Thos. Notting, E. P. Allison, Jas. D. McLean, Prof. A. G. Laird, Prof. J. E. Creighton, Victor Frazee, H. Mellish, T. J. Cahalane, Prof. A. S. Mackenzie, Capt. H. B. Stairs, G. G. Patterson, J. A. MacKinnon, and Geo. E. Faulkner, $50 each; with smaller sums amounting to $1,899.

The following donations have been made from time to time for the provision of scientific apparatus and of laboratory and museum equipment:

Alumni Association, $801.61; Hon. Sir William Young and Prof. E. MacKay, $500 each; A. H. MacKay, LL. D, $276.79; Prof J. G. MacGregor, $200; J. F. Avery, M. D, Thos. Bayne, Hon. R. Boak, Alex. McLeod, John MacNab, Hon. Jeremiah Northup, W. J. Stairs, and W. P. West, $100 each; Thomas A. Brown, Messrs. Doull & Miller, Messrs. Esson & Co., John Gibson. Peter Jack, Prof. G. Lawson, J. S. Maclean, Robert Morrow. Hon. J. W. Ritchie, James Thomson, and a Friend, $50 each: with smaller sums amounting to $645.

Miss Lawson and Mrs. W. F. McCoy, daughters of the late Prof. Geo. Lawson, have presented their father's microscope to the College.

The following contributions have been made to the Library since 1892 for the purchase of books and to meet current expenses:

Prof. J. Seth (proceeds of course of lectures), $245; Prof. A. MacMechan (proceeds of courses of lectures), $573; Faculty of Arts, $220; Alumni Association, $343; English Class (proceeds of dramatic recitals), $60.44; Friend of the College, $75: H. McInnes, LL. B. $40; Class of '94, $40: Lecturers on Education $60; Philomathic Society $20; Class of '97, $53; Class of '95, $50; S. A. Morton, Esq, M. A.. $12; Class of '96, $182.50; Class of '98, $66; Class of '99, $231.50; Three Friends, $300; Class of '00, $123.70; Class of '01, $100.50; Miss B L. M., $6; R. C., $5; W. M. H., $2.

For other benefactions see under headings, Library and Museum.

The following donations have been made to the Law Library prior to 1888:

Sir Wm. Young, $200; Robert Sedgwick, $600; Professor Weldon, $500; Prof. Russell, $400; Mr. Justice Thompson, $200; John Y. Payzant, $400; James Thomson, Q. C., $275; Hon. Wallace Graham, $400; Hon. H. McD. Henry, $200; Prof. MacGregor, $100; J. J. Stewart, $100; Hon. R. Boak, $100; John Doull, $50; Dr. J. F. Avery, $50; T. A. Ritchie, $50; Jas. Pyles, $50; Hon. J. W. Ritchie, $40; Peter Jack, $25; Thomas Kenny, $25; A. K. MacKinlay, $25; James Scott, $25; R. W. Fraser, $20; George W. Munro, $20; D. Buchanan, $10; C. S. Harrington, $150; Hon. S L. Shannon, $125; W. J. Stairs, $100; R. I. Hart, $100; Doull & Boak, $100; Hon. J. N. Ritchie, $100; Hon. J. W. Johnstone, $50; R. L. Borden. $50; B H. Eaton, $50; S. A. Chesley, $50; John Menger, $50; J. T. Ross, $50; F. B. Wade, $40; J. N. Lyons, $25; J. W. Allison, $25; J. F. Stairs, $25.

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PER OCTO ET TRIGINTA ANNOS IN HAC UNIVERSITATE
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QUI UNDECIMO DIE MENSIS MARTII ANNO DOMINI MDCCCCI,
AETATIS SUAE SEPTUAGESIMO PRIMO
OBDORMIVIT,
AD SUPREMUM FERE VITAE DIEM OFFICIO FUNCTUS.

HIC VIR DOCTISSIMUS
PRAELECTOR LUCIDISSIMUS
AMICUS AMANTISSIMUS
NATUS ET ARTIBUS LITERISQUE INSTITUTUS IN SCOTIA
MAJOREM PARTEM VITAE SUAE IN NOVA SCOTIA EGIT,
UBI ASSIDUITATE, BENIGNITATE, CONSTANTIA
ANIMOS OMNIUM SIBI CONCILIAVIT.

HUJUS TANTI VIRI MORTEM OMNES AMICI ET NOTI
VERO DOLORE LUGENT.

IPSE QUIDEM ABIIT, SED NOMEN EJUS ET MEMORIA
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F. H. TORRINGTON, Director of Toronto Coll of Music, *Examiner in Theory of Music.*

ROBERT LAING, M. A., (McGill), President of Halifax Ladies' College, *Examiner in History of Music.*

W. H. HATTIE, M. D., C. M., (McGill), *Examiner in Pathology and Bacteriology.*

F. H. MASON, F. C. S., *Lecturer on Mining and Metallurgy.*

G. M. CAMPBELL, B. A., (Dal.), M. D., (Bell. Hosp. Med. Coll.). *Examiner in Pathology and Bacteriology.*

N. E. MACKAY, M.D., C.M., (Hal. Med. Coll.), M. B., (Univ. of Hal.), M.R.C.S., (Eng.), *Examiner in Surgery.*

DANIEL M. GORDON, M. A., D. D., (Glasg.), *Lecturer on Biblical Literature.*

ROBERT A. FALCONER, M. A., B. D., (Edin.), LL. D., (U. N. B.), *Lecturer on Biblical Literature.*

H. S. POOLE, M. A., F. G. S., F. R. S. C., *Lecturer on Geology.*

DANIEL A. MURRAY, B.A. (Dal)., Ph.D. (J.H.U.), *Professor of Mathematics.*

..... *Lecturer on Botany.*

Librarian: PROFESSOR WALTER C. MURRAY.

Curator of the Museum: PROFESSOR E. MACKAY.

Instructor in Gymnastics: SERGT.-MAJOR LONG.

Janitor: GEORGE PRICE.

Faculty of Arts.

THE PRESIDENT.
JOHN JOHNSON, M. A.
JAMES LIECHTI, M. A.
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ARCHIBALD MACMECHAN, PH. D.
WALTER C. MURRAY, M. A.
HOWARD MURRAY, B. A.
EBENEZER MACKAY, PH. D.
J. W. LOGAN, B. A.

Secretary to the Faculty.—PROFESSOR MACMECHAN.
Registrar to the Faculty.—PROFESSOR LIECHTI.

Correspondence should be addressed:

"*The Secretary, Faculty of Arts,*
Dalhousie College, Halifax. N. S.

§ I.—Courses of Instruction.

I.—CLASSICS.

(McLeod Professorship).

Professor.....HOWARD MURRAY, B. A.

First Latin Class.

Mondays, Wednesdays and Fridays, 10—11 A. M.

Cicero, *Orations against Catiline;* Vergil, *Aeneid*, Book VI.; *Cicero, *Pro Lege Manilia;* *Vergil, *Aeneid*, Book IV. Latin Prose Composition. Exercises in Sight Translation. Roman History to the Battle of Actium.

Books recommended: Cicero, *Orations against Catiline.* (Wilkins's, Macmillan, N. Y., 60 cents), Cicero, *Pro Lege Manilia*, (Wilkins's Macmillan, N. Y., 60 cents), or Cicero, *Selected Orations and Letters*, (Kelsey's Allyn & Bacon, Boston, $1.25. This book includes all the speeches to be read by the class. and has the advantage of having the vowel-quantities indicated.) Vergil, *Aeneid*, Book VI, (Page's, Macmillan, N. Y., 40 cents). Vergil, *Aeneid*, Book IV, (Stephenson's, Macmillan, N. Y., 40 cents). Bradley's Arnold's *Latin Prose Composition.* Smith's *Smaller History of Rome*, (Harper's, N. Y.). Bennett's *Latin Grammar*, Allyn & Bacon, Boston, cents), or Allen & Greenough's, (Ginn & Co., Boston, $1.20).

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*For private reading by students seeking First or Second Class Distinction. Passages for translation at sight will be set in all examinations.

Second Latin Class.

Mondays, Wednesdays and Fridays, 11 A. M.–12 M.

Livy, Book I; Horace, *Odes*, Books I and II; *Horace, *Odes*, Books III and IV. Latin Prose Composition. Exercises in Sight Translation. Grecian History to the death of Alexander.

Books recommended: Livy, Book I, (Rolfe's [text with indicated quantities]. Allyn & Bacon, Boston, 25 cents). Horace. *Odes*, (Page's in Macmillan's Classical Series, each book 50 cents, or Books I–IV, in one volume, $1.25). Bradley's Arnold's *Latin Prose Composition*. Smith's *Smaller History of Greece*, (Harper's, N. Y.).

Third Latin Class.

Mondays and Wednesdays, 12 M.—1 P. M.

Plautus, *Trinummus;* Juvenal, *Selected Satires;* Tacitus, *Germania.* *Vergil, *Bucolics*, and Books II and III of the *Georgics.* Latin Prose Composition. Exercises in Sight Translation.

Books recommended: Plautus, *Trinummus*, (Freeman & Sloman's, Macmillan, 75 cents). Juvenal, (Hardy's, Macmillan, $1.25). Tacitus, *Germania*, (Church & Brodribb's, Macmillan, 55 cents). Virgil, *Bucolics* and *Georgics*, (Papillon & Haigh's, Macmillan, 90 cents).

First Greek Class.

Tuesdays and Thursdays, 10—11 A. M.

Xenophon, *Hellenica*, Books I and II; *Xenophon, *Cyropaedia*, Book I. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Xenophon, *Hellenica*, Books I and II, (Underhill's, Macmillan, 75 cents). Xenophon, *Cyropaedia*, Book I, (Bigg's, Macmillan, 50 cents). Fletcher & Nicholson's *Greek Prose Composition.* Goodwin's *Greek Grammar*, (Ginn & Co., Boston, $1.25).

Second Greek Class.

Tuesdays and Thursdays, 11 A. M.—12 M.

Lucian, *Vera Historia;* Homer, *Odyssey*, Book IX; *Lysias, *The Sacred Olive*, *Against Eratosthenes*, *For the Cripple.* Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Lucian, *Vera Historia* (Jerram's, Clarendon Press, 1s. 6d.) Homer, *Odyssey*, Book IX, (Edward's, Macmillan, 60 cents). Lysias, *Select Orations*, (Bristol's, Allyn & Bacon, Boston, $1.00). Fletcher & Nicholson's *Greek Prose Composition*,

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* For private reading by students seeking First or Second Class Distinction.

Passages for translation at sight will be set in all examinations.

Third Greek Class.

Tuesdays and Thursdays, 12 M.—1 P. M.

Plato, *Apology* and *Crito;* Aristophanes, *The Clouds;* *Herodotus, Book VI. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Plato, *Apology* and *Crito*, (Wagner's. Geo. Bell & Sons, London, 2*s.* 6*d.*). Aristophanes, *The Clouds*, (Merry's, Macmillan, 75 cents). Herodotus, Book VI, (Strachan's, Macmillan, $1.00).

Advanced Class.

Professor.....HOWARD MURRAY, B. A.
Lecturer..... J. W. LOGAN, B. A.

Three or four times a week.

In this class a portion of the Latin and Greek subjects prescribed for the special Course in Classics is read, and Prose composition is regularly practised.

II.—NEW TESTAMENT GREEK.

The class and examinations in New Testament Greek, conducted by Professor R. A. FALCONER, M, A., B. D., in the Presbyterian Theological College, Halifax, are recognized as qualifying for a degree. Similar classes in other Theological Colleges approved by the Faculty are also recognized for the same purpose.

First Year Class.

Daily, 12.30 P. M.

The work of this class consists of the interpretation of the Gospels, especially those of St. Matthew and St. John. Lectures are also given on the language of the New Testament, the principles of Textual Criticism, Introduction to the Gospels and the Jewish world at the time of Christ.

Text-books: Stevens and Burton: *Harmony of the Gospels*, or Huck: *Synopse der drei ersten Evangelien.* Hammond: *Textual Criticism of the New Testament.* Mathew's: *A History of New Testament Times in Palestine.* Simcox: *Language of the New Testament.*

Books recommended: F. Blass: *Grammar of N. T. Greek.* Burton: *New Testament Moods and Tenses.* Nestle: *Textual Criticism of the Greek N. T. Expositors' Greek Testament*, Vol. I. Plummer. *Gospel of St. Luke.* Westcott. *Gospel of St. John.* Schürer: *The Jewish People in the Time of Christ.*

III.—HEBREW.

The class and examinations in Hebrew, conducted by Professor JOHN CURRIE, D. D., in the Halifax Theological College, are recognized as qualifying for a degree. Similar classes in other Theological Colleges approved by the Faculty, are also recognized for the same purpose.

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*For private reading by students seeking First or Second Class Distinction.

Passages for translation at sight will be set in all examinations.

Junior Class.

Daily, 8.45—9.30 A. M.

Text-book: Davidson's Introductory Hebrew Grammar, with Progressive Exercises in Reading and Writing, (T. & T. Clark, Edinburgh, 7s. 6d.).

The aim of the course is, by a thorough drill in paradigms, exercises in reading and writing, to impart a fair knowledge of inflection and syntax, and the ability to read at sight easy parts of the Hebrew Scriptures.

Books recommended: Gesenius' Hebrew Grammer, revised edition, Mitchell, (Bradley & Woodruff, Boston, $3). Green's Hebrew Grammar, new edition, unabridged (Wiley and Sons, New York, $3.). Harper's Introductory Hebrew Method and Manual, latest edition, (American Publication Society of Hebrew, Chicago). Robinson's Gesenius' Hebrew Lexicon, (Houghton, Mifflin & Co., Boston, $6.).

IV.—MODERN LANGUAGES.

(McLeod Professorship).

Professor.....JAMES LIECHTI, M. A.

First French Class.

Tuesdays and Thursdays, 3—4 P. M.

Macmillan's *Progressive French Reader*, II year, (Fasnacht). Molière: *Le Bourgeois Gentilhomme*, (Macmillan & Co.). Eugène Scribe: *Valérie* (Macmillan & Co.). Exercises in Grammar and Composition, (Fasnacht's First Course by Macmillan & Co.)

Additional for a First-Class position: Saintine, *Picciola*, First 10 chapters; or Scribe: *Le Verre d'Eau*, or Octave Feuillet: *Le Roman d'un Jeune Homme Pauvre*, first fifteen chapters.

Text-books: Brachet's Public School Elementary French Grammar. Other Text-Books required will be announced at the opening of the Session.

Second French Class.

Tuesdays and Thursday, 2—3 P. M.

For 1901-02. Racine; *Athalie*, Molière: *Les Précieuses Ridicules* (Macmillan & Co). Sight-reading: a comedy by Scribe. Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French Composition.

For 1902-03. Racine; *Esther*. Molière: *L'Avare*. Sight-reading: a comedy by Scribe, (Macmillan & Co.). Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French composition.

Molière: *Le Misanthrope*, (Macmillan & Co.), and either Madame de Staël: *L'Allemagne*, first 20 chapters, or Pierre Cœur: *L'Ame de Beethoven*, (Macmillan & Co.), are prescribed for private reading to candidates for a First Class position.

Text-books: As in First Class. Cutlines of the History of French Literature (Saintsbury's Primer).

Third and Fourth French Classes.

Tuesdays and Thursdays, 9—10 A. M.

For 1901-02. Corneille: *Horace.* Racine: *Phèdre.* Sight-reading: a comedy by Scribe. Translation from English writers. French composition, 2nd course, by Eugène Fasnacht (Macmillan & Co.). Translation of unspecified passages from modern authors.

For 1902-03. Molière *Les Femmes Savantes.* Racine: *Iphigénie.* Corneille: *Le Cid,* (Macmillan & Co.). Sight-reading: a comedy by Scribe. Translation from English writers. French Composition, 2nd course, by Eugène Fasnacht (Macmillan & Co.). Translation of unspecified passages from modern authors.

Text-books: As in Second Class. Masson: Littérature française.

THIRD FRENCH: Molière: *Tartufe,* Acts I and II, (Macmillan & Co.), and either Victor Hugo; *Les Travailleurs de la Mer,* Chapters I to V (incl.) (Rivington's) or Madame de Staël: *Corinne ou l'Italie,* livres I to V (incl.) are prescribed for private reading to candidates for a First Class position. FOURTH FRENCH: Molière: *L'Ecole des Maris* and *L'Ecole des Femmes,* (I and II Acts of each).

First German Class.

Mondays, Wednesdays and Friday, 3—4 P. M.

Buchheim: *German Reader,* Part II. Schiller: *Wilhelm Tell,* (Macmillan & Co.). Additional for a First Class position: Gustav Ebner: *Herr Walther von der Vogelweide,* (Macmillan & Co.), or Helene Stökl: *Unter dem Christbaum,* (D. C. Heath & Co.), or Schiller; *Wilhelm Tell,* II and III Acts. Exercises in Grammar and Composition. Elementary German Prose Composition, by E. S. Buchheim, (Clarendon Press.)

Text-books: Joynes-Meissner's German Grammar, (D. C. Heath & Co). Other text-books required will be announced at the opening of the Session.

Second German Class.

Mondays, Wednesdays and Fridays, 2—3 P. M.

For 1901-02. Goethe: *Herman und Dorothea,* (Clarendon Press). Lessing: *Minna von Barnhelm,* (Macmillan & Co.). Sight-reading from Helene Stökls's: *Unter dem Christbaum,* (D. C. Heath & Co.). Translations from English writers. Original compositions. Translation of unspecified passages from modern authors.

For 1902-03. Goethe: *Egmont.* Schiller: *Maria Stuart.* (Macmillan & Co.). Sight-reading from Helene Stökl's: *Unter dem Christbaum,* (D. C. Heath & Co.) Translation from English writers. Original compositions. Translations of unspecified passages from modern authors. Bernhard's course in German composition (Ginn & Co.)

Text Books: As in First Class. Critical outline of the Literature of Germany by Alb. Selss, Ph. D. (Longmans, Green & Co.

Schiller: *Die Jungfrau von Orleans,* Prolog. and Act I. and either Heine: *Die Harzreise* (Macmillan & Co.), or *Freudvoll und Leidvoll* (Ed. Dr. W. Bernhardt) (American Book Co.), are prescribed for private reading to candidates for a First Class position.

Third German Class.

Mondays, Wednesdays, and Fridays, 9—10 A, M.

For 1901-02. Lessing: *Minna von Barnhelm* (Macmillan & Co.). Goethe: *Iphigenie auf Tauris.* Prose composition. Translation of unspecified passages from modern authors. Sight-reading from Prehn's *Journalistic German.* (American Book Co.).

1902-03. Lessing: *Nathan der Weise* (Macmillan & Co.). Goethe: *Götz von Berlichingen* (Macmillan & Co.). Prose composition. Translation of unspecified passages from modern authors. Sight-reading from Prehn's *Journalistic German.* (American Book Co.).

Schiller: *Wallensteins Tod,* Act I, 5th Scene; Act II, 2nd and 3rd Scenes; Act III, 18th Scene; (George Bell & Sons) and either Goethe: *Faust, Prolog. im Himmel,* and first three scenes of Part I, (by Jane Lee: Macmillan & Co.), or Heine: *Harzreise* (Macmillan & Co.) are prescribed for private reading to candidates for a First Class position.

Text Books: As in Second Class. Bernhardt's *Hauptfakta aus der Geschichte der deutschen Litteratur* (American Book Co.).

Fourth German Class.

Twice a Week.

Schiller: *Lyrische Gedichte,* Goethe: *Faust,* Part I, by Jane Lee: Macmillan & Co.). Prose composition. Translation of unspecified passages from modern authors. Selss's German Literature.

Private reading for a First Class position. Schiller: *Wallensteins Lager,* and Lessing: *Sara Sampson,* or Schiller: *Geisterseher.*

Advanced German Class.

Twice a Week.

The subjects studied in this class will be those prescribed for the special course of English and German (§ viii (8)). The course will extend over two years.

1901-02. Middle High German: Grammar (Wright's Middle High German Primer). Selections from Wackernagel: Kleineres Altdeutsches Lesebuch. Selections from authors of the 18th century. Prose composition.

1902-03. Middle High German; Grammar (Paul's Grammar). Selections from Wackernagel: Kleineres Altdeutsches Lesebuch. Selections from Swiss and Plattdeutsch dialect literature. Selections from authors of 16th and 17th centuries. Prose composition.

Other text-books will be announced at the opening of the Session.

V.—ENGLISH LANGUAGE AND LITERATURE.

(George Munro Professorship.)

Professor.....ARCHIBALD MACMECHAN. PH. D.

The course in English is mainly literary; the method pursued is historical. The different periods are studied in the representative works of the period; and in all cases actual acquaintance with the texts precedes criticism upon them. This part of the course is intended to furnish the student with an outline picture of English literature from Chaucer to Tennyson. The work for "class distinction" is meant to broaden the knowledge of more ambitious students The essential facts of Historical English Grammar are taught by means of lectures in the Second Year. In Composition, practice is set before theory; the various exercises are corrected and preserved; the writing of "reports" forms part of this work. In the Advanced Classes the aim of the instruction is to acquaint the student with the Grammar of Old and Middle English, and to widen his knowledge of Elizabethan literature.

First (A.) Class.

Tuesdays and Thursdays, 12—1 P. M.

COMPOSITION.—Christmas Term; imitative exercises in the construction of narrative and descriptive paragraphs. Spring Term; ten narrative and descriptive themes, based chiefly on personal experience.

LITERATURE.—Eighteenth Century. Prose. Addison: *Papers Contributed to "The Spectator."* Johnson: *Life of Pope.* (Macaulay: *Samuel Johnson).* Poetry. Dryden: *MacFlecknoe, St. Cecilia's Day, Alexander's Feast.* Pope: *Rape of the Lock.* Gray: *Elegy in a Country Church-yard.* Goldsmith: *Traveller, Deserted Village.* Burns: *Twa Dogs, Cotter's Saturday Night.*

For reference: Gosse, *History of Eighteenth Century Literature.*

Candidates for Class Distinction will be examined in these additional works which are not read in class. Dryden: *Absalom and Achitophel.* Pope: *Essay on Man.* Johnson: *Lives, of Dryden, Addison, and Gray.*

Two reports on private reading, assigned by the instructor, are required from each student.

Books recommended: Hale: *Longer English Poems* (containing all the poetry read in class): Addison, ed. T. Arnold; (Clarendon Press Series;) Johnson: *Six Chief Lives*; ed. M. Arnold.

PARALLEL READING.—As a preparation for this course, the student is recommended to read the following works:—Thackeray; *English Humorists, Congreve, and Addison. The History of Henry Esmond,* (bk. ii, cap. xi, at least) Macaulay, *The Comic Dramatists of the Restoration, Addison.*

Second (B) Class.

Mondays, Wednesdays, and Fridays, 12—1 P. M.

COMPOSITION.—Lectures on the Principles of Narration, Description, and Exposition. Twenty Expository themes, based chiefly upon the work read in class.

LITERATURE.—Elizabethan. Shakspere: *Henry V, Twelfth Night, Iulius Cæsar.* Milton: *Comus, L'Allegro, Il Penseroso, Lycidas, Sonnets, Paradise Lost, Bks. I, II.* Lectures.

ENGLISH LANGUAGE.—A short course of Lectures on the History of the English Language, at the end of the Spring Term.

For reference. Sidney Lee: *A Life of William Shakspeare;* Dowden: *Shakspeare Primer;* Saintsbury: *History of Elizabethan Literature.*

A report on private reading assigned by the instructor, is required from each student. Candidates for Distinction are required to present a second report.

Candidates for Class Distinction will be examined in the following plays, which are not read in class:—*Henry IV, Pt. 2, Midsummer Night's Dream, Coriolanus.*

PARALLEL READING.—As a preparation for this course, the student is recommended to read the following works: Kingsley: *Westward Ho!* Scott: *Kenilworth.* Hetzner: *Travels in England.* Harrison: *Description of England.* (*Scott Library*, W. Scott). Macaulay: *Milton.*

Third (C) Class.

Tuesdays and Thursdays, 10—11 A. M.

(Not given in 1901-1902.)

LITERATURE.—Middle English and Pre-Shakesperean. Chaucer: *Prologue, Knightes Tale, Nonne Prestes Tale.* Sweet's *Middle English Primer, II.* Spenser: *Fœrie Queene*, bks. I, II. Marlowe: *Dr. Faustus.* Lectures.

History of Literature: Pollard: *Chaucer Primer.* For reference. Lounsbury, Ten Brink. Morley: *English Writers, V.*

For Distinction. Chaucer: *Minor Poems, The Prioress's Tale Sir Topas, The Monk's Tale, The Squire's Tale.*

Fourth (D.) Class.

Tuesdays and Thursdays, 4—5 P. M.

LITERATURE.—Nineteenth Century. Scott: *Old Mortality, Marmion.* Byron: *Poems*, selected and edited by Matthew Arnold. Wordsworth: ed. Dowden (*Athenæum Press* Series). Tennyson: *The Lady of Shalott, Oenone, Lotus Eaters, A Dream of Fair Women, Morte d' Arthur, Dora, Sir Galahad, The Lord of Burleigh, Ulysses,* Browning: *Andrea del Sarto, Epistle of Karshish, Memorabilia. Evelyn Hope, A Toccata of Galuppi's, The Statue and the Bust, In a Balcony, The Last Ride Together.* Ruskin: *Sesame and Lilies.* Carlyle: *Sartor Resartus: ed,* MacMechan, (*Athenæum Press* Series).

History of Literature. Saintsbury: *History of Nineteenth Century Literature.* Herford: *Age of Wordsworth.* Oliphant: *Literary History of England.*

For Distinction. A thesis on a subject assigned by the instructor.

This subject may be assigned at the end of the previous session, and completed during the summer vacation. It should in any case,

be selected at the beginning of the session in which the student intends to present it, and must embody the results of an original literary investigation. The following are the titles of representative theses which have been accepted: *Chatterton, A Study in Style; The Relation of "Tristram Shandy" to "Anatomy of Melancholy"; Tennyson's Treatment of Colour in "The Idylls of the King"; "Alastor," edited with Introduction and Notes.* The Thesis must be written on special thesis paper and bound. A copy must be deposited in the University Library.

Fifth (E.) Class. (Advanced.)

Mondays and Fridays, 9—10 A. M.

OLD ENGLISH.—Bright. *Anglo-Saxon Reader.* Sievers. O. E. Grammar, trans. Cook. Sight translation from easy texts.

Sixth (F.) Class. (Advanced.)

(Not given in 1901-1902).

ELIZABETHAN DRAMA.—Marlowe: *Tamburlaine, Edward II., The Jew of Malta.* Greene: *Friar Bacon and Friar Bungay.* Jonson: *The Alchemist, Every Man in His Humor.* Beaumont and Fletcher: *Philaster, The Knight of the Burning Pestle.* Massinger: *A New Way to Pay Old Debts.* Webster: *The Duchess Malfi.* Shakspere: the tragedies, *Two Noble Kinsmen.*

This course is conducted by means of a Seminary.

Books recommended: History of Literature: Ten Brink, Saintsbury. Brooke. Texts: Clarendon Press, "Mermaid," "Temple Dramatists," Thayer: "Best Elizabethan Plays."

VI.—BIBLICAL LITERATURE.

Lecturers..... { PROF. D. M. GORDON, D. D. / PROF. R. A. FALCONER, LL. D.

Tuesdays and Thursdays, 3—4 P. M.

This course extends over two sessions, and covers the whole Bible. Professor Gordon will give one lecture a week on the Old Testament, Professor Falconer one lecture a week on the New Testament. Although students are advised to take the entire course, the work of any one session will be accepted as an elective in the third or fourth year.

OLD TESTAMENT.

First Part, 1901-'02. Introduction The Record of Revelation. Outline of structure. What did Moses write? The Pentateuch, its sources and contents. The Law. The Religious Institutions of Israel. The earlier Histories. The Monarchy. The earlier Prophets, including Amos, Hosea, and Micah, Isaiah. The Captivity of the Northern Kingdom.

Second Part, 1902-'03. Recapitulation. The later Histories. The Prophets subsequent to 700 B. C. The Exile and Restoration. The Poetical Books and other Writings. The Messianic Element in the Old Testament. The Canon. The Religious Value and Authority of the Old Testament.

NEW TESTAMENT.

First Part, 1901-'02. Literary characteristics of the Gospels. Synoptic Problem. Johannine question. Readings from the four Gospels outlining the Life of Jesus Christ. A comparison, both as to form and import, of the discourses and parables of the Synoptics with the teaching of the Gospel according to John.

Second Part, 1902-'03. The Literature of the Apostolic Age, exclusive of the Gospels. (Fuller announcements in next calendar).

Text-Books for N. T. : Stevens and Burton's *Harmony of the Gospels.* Mathews's *History of N. T. Times in Palestine.* Burton and Mathews's *Constructive Studies in the Life of Christ.*

For Class Distinction a knowledge of the following books will be required :—Sanday : *Bampton Lectures.* W. Robertson Smith : *Prophets of Israel.* Stanton : *Jewish and Christian Messiah.* Ramsay : *Was Christ Born at Bethlehem ?*

Recommended for reading :—Kent : *History of the Hebrew People.* W. Robertson Smith : *Old Testament in the Jewish Church.* Robertson : *Early Religion of Israel.* Moulton : *Literary Study of the Bible.* Driver : *Introduction to the Literature of the O. T.* Articles in Hastings' Dictionary of the Bible :—*Jesus Christ*, by Sanday ; *Gospels*, by Stanton ; *New Testament Canon*, by Stanton ; also the separate articles on each of the four Gospels.

VII.—HISTORY AND POLITICAL ECONOMY.

(George Munro Professorship.)

Professor.....REV. PRESIDENT FORREST.

Junior History Class.

Mondays, Wednesdays and Fridays, 11 A. M.—12 M.

Mediæval History and Modern History to 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading. A detailed syllabus with references and passages prescribed for reading will be given to students on the opening of the class.

Candidates for First Class Distinction will be examined on Hallam's Middle Ages, Bryce's Holy Roman Empire, and introductory sections of Robertson's Charles V.

Books recommended : Gibbon : *Decline and Fall of the Roman Empire ;* Hallam : *Middle Ages ;* Bryce : *Holy Roman Empire ;* Irving : *Mahomet and His Successors ;* Guizot : *History of Civilization ;* Michaud : *History of the Crusades ;* Robertson : *Charles V ;* Stubbs : *Constitutional History of England ;* Labberton : *Historical Atlas.*

Senior History Class.

Tuesdays and Thursdays, 11 A. M.—12 M.

Modern History from 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading. In the lectures, books of reference will be named and select portions specified for reading.

Disputed points will be marked out for special study and students required to examine authorities and weigh conflicting opinions, and thus learn to study history critically for themselves.

Candidates for First Class Distinction will be examined on Green and Guizot, and a few chapters to be specified in other works.

Books recommended: Green: *England, Vol. IV.;* Guizot: *France (Masson's Abridgement);* Menzel: *Germany;* Motley: *Dutch Republic;* Bancroft: *United States;* McMaster: *History of the People of the United States;* Parkman: *France and England in North America;* Labberton: *Historical Atlas.*

Advanced History Class.

Once a week.

English History from 1603 to 1688.

The work of this class will be conducted by means of lectures and examinations on reading prescribed from Clarendon, Gardiner, Green, Hallam, Ranke, Lingard and other authorities.

This class is intended especially for undergraduates taking the Special course in English and English History.

Political Economy Class.

Tuesdays and Thursdays, 10—11 A. M.

The work of this class will be conducted by means of lectures and examinations on prescribed reading.

The lectures will generally follow the order of arrangement of Mill's Principles of Political Economy. 1.—THE NATURE WEALTH. Analysis of fundamental conceptions of wealth, &c. 2.—PRODUCTION OF WEALTH: Labor, Capital, Population, and their relations to each other. 3.—DISTRIBUTION OF WEALTH: Wages, Profits, Rent, Socialism, Labor Unions, Land Tenure. 4.—EXCHANGE: Value Money, Banking. 5.—RELATIONS OF GOVERNMENT TO TRADE AND INDUSTRY: Tariffs, Taxation.

Particular attention will be given to the problems of the day. Protection and Free Trade, Trade Unions, Combines, Bimetalism. Each student is required to read the whole of Mill's *Principles*, together with prescribed passages from leading economists and current literature on the subjects. Weekly examinations will be held on the prescribed reading.

Candidates for First Class Distinction will be examined on additional work, which will be announced at the beginning of the Session.

Text Book: Mill: *Principles of Political Economy.*

Advanced Political Economy Class.

Twice a week.

The work of this class will consist of lectures, entering into the Principles of Political Economy, more fully than in the ordinary class, with examinations on reading prescribed in the works of leading writers on the subject.

VIII.—CONSTITUTIONAL LAW AND CONSTITUTIONAL HISTORY.

The classes in Constitutional Law and Constitutional History, conducted by Professor Weldon in the Faculty of Law and the examinations conducted in these subjects by the Faculty of Law, are recognized as qualifying for a degree.

IX.—CONTRACTS.

The class in Contracts, conducted by Professor Russell in the Faculty of Law, and the examinations conducted in this subject by the Faculty of Law, are recognized as qualifying for a degree.

X.—PHILOSOPHY.

(George Munro Professorship.)

Professor.....WALTER C. MURRAY, M. A.

Junior Philosophy.

Tuesdays and Thursdays, 12—1 P. M., Fridays, 4—5 P. M.

The work of this class will consist of two courses of lectures, one on Logic, and one on Psychology, with essays, discussions, and oral examinations.

The work in the course on Logic will be selected so as to afford the best possible mental training. In the Psychological course, experiments will be introduced as much as possible to supply a basis for the theory and for the purpose of illustration. Especial attention will also be given to the connection between Psychology and Educational methods.

Text Books: Mill: *Logic;* Titchener: *Primer of Psychology.*

Books recommended: Creighton: *Introductory Logic;* Fowler's or Jevons's *Logic;* James's *Psychology.* Reading for Distinction—Berkeley: *Theory of Vision, Divine Visual Language. Principles of Human Knowledge,* (as in Fraser's Selections); Bosanquet: *Essentials of Logic*

Senior Philosophy.

Mondays and Wednesdays 10—11 A. M.

For 1901-2. This course of lectures, which is intended to serve as an introduction to Metaphysics, will be based on Paulsen's *Introduction to Philosophy.*

Books recommended: Hibben: *Problems of Philosophy;* Rogers: *Modern Philosophy;* Watson: *An Outline of Philosophy* and *Christianity and Idealism,* Part II; Lotze: *Outlines of Metaphysics;* Royce: *Religious Aspect of Philosophy,* Book II; Caird: *Metaphysics (Ency. Brit.* or *Essays on Literature and Philosophy,* Vol. II.); Ward: *Naturalism and Agnosticism.*

Modern Philosophy.

Mondays and Wednesdays, 10—11 A. M.

For 1902-3. After a preliminary sketch of the principal problems of Metaphysics, the development of Modern Philosophy from Locke will be studied in Locke's *Essay,* Berkeley's *Principles of Knowledge,*

and *Siris*, Hume's *Enquiry*, Reid's *Inquiry*, Kant's *Prolegomena*, and Watson's Extracts from Mill's Writings.

Books: Seth (A.) *Scottish Philosophy*; Locke: *Essay* (Fraser's Edition, or Ward, Locke & Co 's); Berkeley: *Selections* by Fraser; Hume: *Treatise* and *Enquiry* (Edited by Green & Grosse, or Selby-Bigge's and Open Court's Edition of *Enquiry*;) Reid: *Works* (ed. by Hamilton), *and Inquiry* (Sneath's Edition); Kant: *Prolegomena*, translated by Mahaffy & Bernard; Wenley: *Outlines of Kant's Critique;* Mill: Selections (Watson): Douglas: *John Stuart Mill;* Blackwood's Philosophical Classics; Höffding's or Falckenberg's or Weber's *History of Philosophy.*

Greek Philosophy.

Mondays and Fridays, 3—4 P. M.

For 1902-3. In this course an introductory sketch of the development of Greek Philosophy from Thales is followed by a critical study of Plato's *Apology*, *Crito*, *Phædo*, *Republic*, and *Theætetus ;* and Aristotle's *Ethics.*

Books recommended: Ferrier: *Lectures on Early Greek Philosophy;* Church's *Translation of Apology, Crito and Phædo* (Golden Treasury Series); Davies and Vaughan's *Translation of Republic*, (G. T. S.); Dyde's *Translation of Theætetus;* Aristotle's *Ethics* (The Scott Library, or Peters's Translation); Zeller: *Greek Philosophy;* Burnet: *Early Greek Philosophy;* Bosanquet: *Companion to Plato's Republic;* Nettleship: *Philosophical Lectures and Remains;* Essay in *Hellenica;* Muirhead: *Chapters from Aristotle's Ethics;* Jowett's *Translation of Plato's Dialogues;* Pater: *Plato and Platonism;* Wallace: *Epicureanism;* Hegel: *History of Philosophy.*

Moral Philosophy.

Mondays and Fridays, 3—4 P. M.

For 1901-2. This course of lectures attempts a systematic presentation of the Principles of Moral Philosophy. The earlier part of the course will follow Seth's *Ethical Principles* Parts I & II, or Muirhead's *Elements of Ethics;* the later part, Green's *Prolegomena to Ethics.*

Books recommended: Dewey: *Outline of Ethics, Study of Ethics;* Mackenzie: *Manual of Ethics;* Green: *Lectures on Moral Obligation* (edited by Bosanquet); Mill: *Utilitarianism;* Spencer: *Data of Ethics;* Paulsen: *Ethics;* Watson: *Hedonistic Theories.*

Advanced Philosophy.

Tuesdays and Thursdays, 3—4 P. M.

1901-2. The subject of this course is Kant's Philosophy. The *Prolegomena, Critiques of Pure Reason, of Practical Reason,* and *of Judgment,* will be studied.

Translations recommended: Watson's *Selections;* Mahaffy and Bernard: *Prolegomena;* Max Müller: *Critique of Pure Reason;* Abbott: *Theory of Ethics;* Bernard: *Critique of Judgment.*

Commentaries and Expositions recommended: Stirling: *Text-Book to Kant;* Wallace: *Kant;* Fischer: *Kant;* Caird: *Critical Philosophy;* Watson: *Kant and his English Critics;* and *Comte Mill and Spencer* or *An Outline of Philosophy.* Adamson: *Philosophy of Kant;* Mahaffy and Bernard: *Kritik of Pure Reason Defended and Explained;* Green: *Philosophical Works, Vol II.*

XI.—EDUCATION.

The class in the Science of Education conducted by Prof. Walter C. Murray in the Faculty of Science, and the examinations of the Faculty of Science, are recognized as qualifying for a degree. (See Fac. Science.)

XII.—MATHEMATICS.

Professor..... ————

Junior Class.

Daily, 11 A. M.—12 M.

ALGEBRA.—Involution, Evolution, Theory of Indices, Equations of the First and of the Second Degree revised. Discussion of Imaginary Quantities and of $\sqrt{-1}$: Theory of Quadratic Equations; Proportion, Inequalities, Indeterminate Equations, Variation, Progressions, Theory of Notation; Elements of Determinants; Selected Propositions in the Theory of Equations, with Horner's method of approximating the roots of an Equation of a Degree higher than the Second.

GEOMETRY.—First, Second, and Third Books of Euclid revised, Fourth Book, Definitions of the Fifth, and the Sixth Book, with Geometrical Exercises and practical applications.

After the beginning of January, attendance at the Class on Wednesday will be *optional*, except for those who are trying for First or Second Class Distinction. But the Professor reserves to himself the right of excluding any whom he may have judged unequal to the work of the Wednesday Class.

Books recommended: Todhunters', or Deighton's, or Hall & Stevens' (George Bell & Sons). Elements of Euclid. Todhunter's Algebra. or (best) Hall & Knight's Higher Algebra. (The latter book is recommended to those who wish to pursue advanced work. School Algebras are scarcely sufficient for the course.)

Senior Class.

Daily, 10—11 A. M.

The daily meeting of this Class is subject to the following explanations:

After the Christmas Examinations, the Class will be resolved into two Divisions, a Lower and a Higher.

The Lower or Ordinary Division will meet on four or three days a week, according as the general progress of the Class may demand. The Higher Division will meet on the remainder of the five days a week. Fitness to enter the Higher Division is determined by the Professor, according to the general standing and previous record of the student.

In the Lower or Ordinary Division of the Class the subjects of study are:—

GEOMETRY.—Sixth Book of Euclid revised; Cockshott & Walter's Conic Sections; the Parabola and part of the Ellipse; Easy Geometrical Exercises with practical applications; 21 Propositions of the Eleventh Book of Euclid; Modern Geometry, supplementary to the Six Books of Euclid.

TRIGONOMETRY.—Analytical Plane, as far as, but exclusive of, DeMoivre's Theorem. The use of Logarithms, and of the chief Mathematical Tables. Solution of Plane Triangles; Mensuration of Heights and Distances; Elementary Problems in Navigation.

ALGEBRA.—Permutations and Combinations; uses of the Binominal Theorem, Properties of Logarithms; Compound Interest and Annuities; Elements of the Doctrine of Chances, should there be time for the subject.

In the Higher Division the subjects are :—

GEOMETRY.—Parabola, Ellipse, and Modern Extension of Euclid.

TRIGONOMETRY.—As in the Lower Division, with Extensions; DeMoivre's Theorem, with Higher Angular Analysis; Spherical Trigonometry, as far as the solution of Right-angled Triangles, with application to easy Astronomical problems.

ALGEBRA.—Investigations connected with the subjects studied in the Lower Division, such as Logarithmic Series, Indeterminate Co-efficients, Partial Fractions, &c., with illustrations and examples of a more difficult kind. For First or Second Class at the Examinations, acquaintance with the subjects treated in this Division is necessary.

Books recommended : Algebras—Todhunter's or Hall and Knight's (best) ‡Locke's Plane Trigonometry; Cockshott & Walters' Geometrical Conics (Macmillan & Co.): Chambers' Logarithmic, etc., Tables. For Higher Division: Todhunter's Spherical Trigonometry.

Advanced Class.

There are two Divisions in this class :—

The First Division meets three times a week.* Subjects: Analytical Trigonometry, commencing with the application of DeMoivre's Theorem; Analytical Geometry; Spherical Trigonometry; Theory of Equations; Differential Calculus.

Books recommended : Locke's Plane Trigonometry, Vol. II.; C. Smith's and Todhunter's Conic Sections; Todhunter's Theory of Equations; Williamson's Differential Calculus; Todhunter's Spherical Trigonometry. Any standard works on the subjects treated may, however, be used.

The Second Division meets twice a week.† Subjects: Analytical Geometry; Spherical Trigonometry; Theory of Equations; Differential Calculus, Integral Calculus, with Differential Equations; Application of these to Physics, Physical Astronomy, etc.

Books recommended: The same as for the First Division, with the addition of Williamson's Integral Calculus. Also Tait and Steele's Dynamics of a particle; Todhunter's Analytical Statics; D. A. Murray's Differential Equations, (Macmillan & Co.).

N. B.—This entire section is subject to modification on the appointment of a new professor.

XIII.—THEORY OF MUSIC.

The Classes in the Theory of Music, conducted in the Halifax Conservatory of Music by ———————— Director, and Mr. ————————, and the examinations of the Conservatory in the subjects of these classes, are recognized as qualifying for the B. A.

*The hour of meeting on Fridays may possibly be changed at the opening of the session.

†An extra hour for some part of the session may be required.

‡This work is published in two volumes. The first of these—"A Treatise on Elementary Trigonometry"—is sufficient for the ordinary class.

and B. L. degrees. In the case of each class, attendance must include at least two lessons per week from the opening to the closing of lectures in this Faculty.

The subject studied in the First Class is Harmony in not more than four parts.

The subjects of the Second Class are:- Harmony in not more than five parts; Simple Counterpoint in two or three parts; Canon in two parts; Imitation and Fugue in not more than three parts; Form,—Elementary Forms, Phrases and Periods, closed and open Forms.

Information as to Fees, etc., may be obtained on application to the Secretary of the Conservatory.

XIV.—PHYSICS.

(George Munro Professorship.)

Professor.....J. G. MACGREGOR, D. Sc.

Junior Physics Class.

Mondays, 4—5 P. M., Tuesdays and Thursdays, 11 A. M.—12 M.

In this Class a rapid survey of the whole subject of Experimental Physics is taken, the subjects treated being:—Dynamics; Properties of Solids and Fluids; Sound; Heat; Electricity and Magnetism; and Light and other forms of Radiation. The mode of treatment is inductive and quasi-historical, the generalisations and theoretical conceptions being worked up to experimentally but not systematically developed by deduction. The amount of mathematical knowledge assumed is not greater than can be acquired in the Junior Class in Mathematics.

Members of the Class who aim at passing merely, will be examined in those subjects only which are fully discussed in class. Those who aim at Distinction will be expected to give considerable attention to Dynamics, and to consult the works recommended by the Professor on all subjects that may be referred to in class. Students are expected to hand in problem papers for correction and criticism.

Books of Reference: For frequent reference—Cumming's Mechanics Treated Experimentally (Rivingtons); Jones's Heat, Light and Sound (Macmillan); Cumming's Electricity Treated Experimentally (Rivingtons). For occasional reference—Knott's Physics (Chambers); Peddie's Manual of Physics (Bailliere, Tindall & Co); Daniell's Principles of Physics (Macmillan & Co.); Barker's Physics—Advanced Course (H. Holt & Co.); Anthony and Bracket's Text-Book of Physics, revised by Magie (J. Wiley & Sons); Nichols and Franklin's Elements of Physics (The Macmillan Co.); Hastings and Beach's General Physics (Ginn & Co.); Watson's Text-Book of Physics (Longmans).

Senior Physics Class.

Mondays and Wednesdays, 10—11 A. M.

The subjects studied in this Class,—Dynamics, Heat, and Electricity and Magnetism,—have been selected both because of their educational value and because of their extensive industrial applications. The more important generalisations and theoretical conceptions, obtained inductively in the Junior Class, are made the starting point; and the treatment is thus largely deductive, deductions being tested by experiment, and important practical applications discussed. Only elementary mathematical methods are used, such as are studied in the Junior and Senior Classes in Mathematics.

Students who aim at passing merely, will be examined in those portions only of the subjects which are discussed in class. Those who aim at Distinction are expected not only to acquire considerable power of applying principles in the solution of problems, but also to study privately portions of the subject not fully treated in class.

The course being too extensive to be completed in a single session, different portions will be taken up in alternate years, as follows :—

In 1901-2.—Heat, and Electricity and Magnetism, including a discussion of heat engines and dynamo-electric machines. A knowledge of the elements of Heat and Electricity such as may be acquired in the Junior Physics Class, is assumed.

In 1902-3.—Kinematics and Dynamics of particles and rigid bodies.

Books of reference: For frequent reference—MacGregor's Kinematics and Dynamics (Macmillan) ; Maxwell's Theory of Heat (Longmans & Co); and S P Thompson's Electricity & Magnetism (Macmillan). For occasional reference—Tait's Heat (Macmillan & Co.); Wright's Heat (Longmans & Co); J. J. Thomson's Electricity & Magnetism (Camb Univ. Press) ; Foster and Atkinson's Electricity & Magnetism (Longmans) ; Ewing's Steam Engine and other Heat Engines (Camb. Univ. Press) ; and S. P. Thompson's Dynamo-electric Machinery (Spon).

Advanced Mathematical Physics Class.

Mondays and Wednesdays, 11 A. M.—12 M.

The object of this Class is to give students an introduction to the application of the Higher Mathematics to the study of physical problems. They are therefore assumed to have a sufficient knowledge of Analytical Geometry and the Differential and Integral Calculus. The subjects to be discussed in the next two years are as follows :

In 1901-2.—Kinematics and Dynamics (including Statics).

In 1902-3.—Thermodynamics and Electrodynamics (including Electrostatics).

Books of referenee: MacGregor's Kinematics and Dynamics (Macmillan) ; Williamson & Tarleton's Dynamics (Longmans) ; Tait & Steele's Dynamics of a Particle (Macmillan & Co.); Todhunter's Analytical Statics (Macmillan & Co.); Aldis's Rigid Dynamics (Deighton, Bell & Co.); Besant's Hydromechanics (Deighton, Bell & Co.) ; Tait's Sketch of Thermodynamics (Douglas, Edinburgh) ; Baynes' Thermodynamics (Clarendon Press) ; Buckingham's Theory of Thermodynamics (Macmillan) ; J. J. Thomson's Electricity and Magnetism (Camb. Univ. Press) ; Emtage's Mathematical Theory of Electricity and Magnetism (Clarendon Press) ; Mascart and Joubert's Electricity and Magnetism, Vol. I (De La Rue & Co., London) ; and Gray's Treatise on Electricity and Magnetism (Macmillan).

Advanced Experimental Physics Class.

At least once a week.

The subjects studied are *(a)* physical experimental methods, and the elimination of errors, this section of the class work being conducted mainly by private reading, under the Professor's supervision, of original papers by Faraday, Joule, and Kelvin ; *(b)* the treatment of observations, including graphical methods and the method of least squares, and the influence of errors of observation on results ; *(c)* the relation of theory to experimental research, illustrated by sketches of one or more of the following :—the kinetic

theory of gases, the theory of solutions and of electrolysis, the wave theory of light.

Books of reference : Faraday's Experimental Researches in Electricity, Vol. I. (Quaritch) ; Joule's Scientific Papers, Vol. I. (Taylor & Francis) ; Lord Kelvin's Mathematical and Physical Papers, Vol. II. (Camb. Univ. Press) ; Merriman's Text-Book of Least Squares (John Wiley & Sons); Johnson's Theory of Errors and Method of Least Squares (J. Wiley & Sons) ; Holman's Precision of Measurements (J. Wiley & Sons) ; Meyer's Kinetic Theory of Gases, tr. Baynes (Longmans & Co.) ; Whetham's Solution and Electrolysis (Camb. Univ. Press) ; Lehfeldt's Text-Book of Physical Chemistry (Arnold) ; Preston's Theory of Light.

Junior Practical Physics Class.

(*At least five hours a week.*)

The work of the class will consist of the experimental investigation of simple physical laws, constants such as density, specific heat, etc., being determined incidentally. Students are required to prepare reports on the investigations made, describing in outline the methods used and discussing in detail the results obtained and their degree of precision.

Members of the class who wish to become Science teachers will be allowed to devote part of their time to the devising and executing of illustrative experiments of a qualitative and quantitative kind with the simple apparatus and materials usually available in schools. Those who do so will be required to prepare illustrated lessons and give them before an audience.

Students will be examined in the subjects of Chaps. I.-VII. of Glazebrook & Shaw's Practical Physics and in other discussions, recommended by the Professor, of any experimental methods which they may have used. Their standing in the Pass and Distinction Lists will depend upon the number and quality of the papers prepared and lessons given, and on the results of the examination.

Books of reference : Glazebrook & Shaw's Practical Physics (Longmans) ; Kohlrausch's Physical Measurements (Churchill) ; Holman's Computation Rules and Logarithms.

Senior Practical Physics Class.

(*At least five hours a week.*)

The work of this class will consist of the investigation of physical laws of a more complex kind than in the Junior class, and a greater degree of precision will be expected in the determinations made. Students who show sufficient ability will be allowed to conduct new investigations, provided they do not use for that purpose a large portion of the prescribed time.

Members of the class are required to prepare reports on the investigations conducted, of the same kind as in the Junior class, to attend the lectures of the Advanced Experimental Physics Class on the treatment of observations, to acquaint themselves with methods of physical measurement generally, as described, *e. g.*, in Glazebrook & Shaw's Practical Physics, and to study discussions of the methods they may use, in the works recommended by the Professor.

Class standing is determined as in the Junior class.

Books of reference : Those specified above, together with Stewart & Gee's Elementary Practical Physics (Macmillan) ; Ayrton's Practical Electricity (Cassell) ; Nichols' Laboratory Manual of Physics and Applied Electricity (Macmillan) ; Ostwald's Physico-chemical Measurements (Macmillan) ; Wiedemann's Physikalisches Prakticum ; and Threlfall's Laboratory Arts (Macmillan).

Advanced Practical Physics Class.

(At least ten hours a week.)

The work will consist of new investigations conducted by students who have shewn sufficient ability either in the Senior class or elsewhere.

Members of the class will be required to acquaint themselves with the literature of the subject in which their investigations lie, to prepare critical reports on those portions of it with which their work is more immediately concerned, and to prepare full reports on the methods and results of their own observations.

Reports which are of sufficient value will be communicated either to the N. S. Institute of Science or to the Royal Society of Canada. If, though the subject may have been suggested by the Professor, the investigation has been concluded practically independently by the student, the report will be communicated in his name. If the student has been assisted by the Professor to such an extent that the investigation has not been conducted practically independently by himself, the report will be communicated as by the Professor and the student jointly.

Only a very limited number of students can be admitted to this class.

XV.—CHEMISTRY.

(McLeod Professorship.)

Professor.....E. MACKAY, PH. D.

Junior Chemistry Class.

Mondays, Wednesdays and Fridays, 9—10 A. M.

The lectures in this class deal in an elementary way with the principles of general chemistry. In the earlier part of the course the characteristic properties of common acids and bases are studied, and then the chemistry of fire, of water and of air, the order of historical development being followed as nearly as possible. When some acquaintance with chemical facts has thus been gained, the fundamental laws of combination are taken up and the atomic theory and chemical formulæ are introduced. Chlorine, nitrogen, carbon and some of their typical compounds are then studied, and thereafter the principal remaining elements, each in connection with the group of elements in the periodic system to which it belongs. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

Students aiming at distinction are required to devote at least three hours per week to laboratory work. The laboratory work is designed to make the student familiar with ordinary laboratory operations and to lead him to solve simple problems in chemistry by experiment. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed; and some time is devoted to elementary work in qualitative analysis.

Books recommended: Remsen's *Introduction to the Study of Chemistry*, Macmillan & Co.), for both class and laboratory work.

Senior Chemistry Class.

(Tuesdays and Thursdays, 9—10 A. M.)

The lectures in this class are for the first few weeks devoted to a fuller treatment of some portions of inorganic chemistry than is given in the Junior Class. The constitution of acids, bases and salts, the determination of atomic and molecular weights, the chemistry of the metals, and the principal reactions used in qualitative analysis are the chief topics taken up. The remainder of the year is devoted to organic chemistry. Special attention is given in this part of the course to a study of the experimental evidence upon which the constitutional formulæ of organic compounds are based.

Students aiming at distinction are required to devote at least three hours weekly to laboratory work. This will include a fuller course in qualitative analysis than is given in the Junior Class, and, in addition, the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Books recommended: For class use, Roscoe and Harden's *Inorganic Chemistry for Advanced Students* (Macmillan & Co.); Remsen's *Compounds of Carbon* (Macmillan & Co.). For reference, Remsen's *Inorganic Chemistry, Advanced Course* (H. Holt & Co.).

Advanced Chemistry Class.

One hour weekly.

The subjects of study in this class are: *(a)* Methods of quantitative analysis; *(b)* History of chemical theory; *(c)* Special topics in organic and inorganic chemistry in connection with the reading prescribed in the Special Course in Chemistry and Chemical Physics.

Different portions of this work are taken up in alternate years. The portion treated in 1901-1902 will be Methods of Quantitative Analysis.

Practical Chemistry Class.

At least five hours weekly.

JUNIOR COURSE.—This course is intended for students taking their first laboratory work. The course will include the preparation and study of several common inorganic substances and a study of the reactions of the principal elements. Qualitative analysis and blow-pipe reactions are taken up and a few simple quantitative experiments are performed. Remsen's *Introduction to the Study of Chemistry* is used as a laboratory manual.

SENIOR COURSE.—This course is open to students who have taken the Junior Course or its equivalent. The first part of the year is devoted to less elementary work in qualitative analysis than that in the Junior Course, and the remainder of the year to the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Advanced Practical Chemistry Class.

The work of this class will include quantitative analysis and the preparation of inorganic and organic substances involving somewhat greater difficulty than the preparations prescribed for the Senior Class. The Analytical Courses include a course in general quantitative analysis, and courses in its special branches.

QUANTITATIVE ANALYSIS.—The work in this course is designed to illustrate typical methods in quantitative analysis It will include the quantitative estimation of chlorine, iodine, sulphur, nitrogen, phosphorus, silicon, carbon, hydrogen, and of the metals silver, copper, iron, manganese, aluminium, calcium, and potassium. Volumetric methods, as well as gravimetric, are employed whenever applicable.

TECHNICAL COURSES.—Students having a sufficient training in general quantitative analysis may undertake work in one or more of the following special branches of analysis: (*a*) Assay of ores. (*b*) Analysis of foods or poisons. (*c*) Analysis of soils. (*d*) Analysis of potable waters. (*e*) Gas analysis.

Books recommended: Renouf's *Inorganic Preparations* (Johns Hopkins Press); Cohen's *Practical Organic Chemistry for Advanced Students* (Macmillan & Co.); Clowes and Coleman's *Quantitative Analysis.*) J. & A. Churchill).

Students taking Practical Chemistry are admitted to that one of the preceding courses for which their previous work has fitted them. All members of practical classes are required to keep a detailed record of their experiments. The character of this record is a factor in determining the standing of a student in the class lists.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with expensive reagents as alcohol and ether; and they are charged with the value of apparatus they have broken or injured.

The chemical laboratory accommodates about one hundred students. A reference library is placed in the laboratory for the use of students doing analytical work.

The general laboratory is open daily, Saturdays excepted, from 10 a. m. to 1 p. m., and from 3 to 5 p. m., on Mondays and Wednesdays. The quantitative laboratory is open daily, except Saturdays, from 9 a. m. to 5 p. m.

XVI.—BOTANY.

The class in Botany, conducted by the Faculty of Science, and the examination conducted by the Faculty of Science in this subject, are recognized as qualifying for a degree. See Faculty of Science.

XVII.—ZOOLOGY.

The class in Zoology conducted by ———————— of the Faculty of Science, and the examinations conducted by the Faculty of Science are recognized as qualifying for a degree. See Faculty of Science.

XVIII.—PHYSIOLOGY.

The University provides no instruction in this subject; but the class conducted in the Halifax Medical College by Professor L. M. Silver, M. B., and C. D. Murray, M. B., is recognized as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, at 11—12 a. m. The fee for the course is $15.00.

§ II.—**The Academic Year.**—The Academic year consists of one Session. The Session of 1901—1902 will begin on Tuesday, 10th September, 1901, and end on Tuesday, 29th April, 1902.

§ **III.—Admission of Students.**—(1). Persons of either sex may become students of the College by (*a*) furnishing satisfactory references or certificates of good moral character (on first entering the College); (*b*) entering their names in the Register (annually), and (*c*) paying the annual Registration fee, (§) xxiii).

(2.) Registered students may, on presentation of their Registration Tickets, and on payment of the proper fees, (§ xxiii.), enter any of the ordinary classes of the College. The Advanced Classes are restricted to students who have sufficient knowledge of the subjects taught in them.

(3.) Students who are candidates for degrees are known as Undergraduates. Candidates for the higher degrees in attendance on classes are known as Graduate Students. All others are known as General Students.

§ **IV.—Degrees.**—(1.) Two baccalaureate degrees are conferred in the Faculty of Arts, those, viz., of Bachelor of Arts (B. A), and Bachelor of Letters (B. L.). Candidates for these degrees must attend with regularity the classes of their courses of study as prescribed in § vii, perform the exercises required and appear at the examinations held in connection with such classes, and secure a position on the Pass Lists in all subjects. The courses of study extend over at least four years, but, in the case of students who enter at advanced stages, may be completed in a shorter time.

(2.) Persons may become candidates for degrees by passing the Junior or Senior Matriculation Examination, (§§ v, vi). Those who pass the Senior Matriculation examination are exempted from attending the classes recommended in § vii to be taken in the first year of attendance, and may complete their courses in three years. In general, the Matriculation examination is to be passed by a student before he enters upon a course of study leading to a degree. For subjects of examinations, examinations recognized as equivalent, &c., see §§ v, vi.

(3) General students who have attended some of the classes in either of the Courses of Study and passed in the subjects of them, may become candidates for a Degree by passing one of the Matriculation examinations, in which cases the classes previously attended will be recognized as qualifying for a Degree. But in those subjects of the Matriculation examination in which they have previously attended classes, such students will be expected to show a higher proficiency than if they had passed the examination at the beginning of their course.

(4.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted *ad eundem statum* in this University, if they are found qualified to enter the

classes proper to their years. But if their previous courses of study have not corresponded to the courses on which they enter in this University, they may be required by the Faculty to take additional classes.

§ V.—Junior Matriculation Examination.—(1.) The following are the subjects of this examination :

1—2. Two of the following languages must be selected : Latin, Greek, French, German. Candidates for B. A. must pass in Latin. If they are to take Greek, as one of the subjects of the First Year, they must also pass in Greek. Candidates for B. L. may select any two.

LATIN.—Translation : (*a*) Passages for translation from prescribed books with questions arising out of those books. (For 1901), Cæsar, *Gallic War*, Book V, and Vergil, *Æneid*, Book I or Book II. (For 1902), Cæsar, *Gallic War*, Book I, and Vergil, *Æneid*, Book II. (*b*) Short and easy passages for translation at sight from books not prescribed. *Composition* : Such a knowledge as may be gained from Collar and Daniell's First Latin Book, and the first eighteen exercises of Bradley's Arnold's Latin Prose Composition. *Grammar* : As in Bennett's Latin Grammar, or Allen and Greenough's.

NOTE.—The Roman pronunciation of Latin as given in all the modern grammars, is the one used in the class-room. It is strongly recommended that special attention be given to the reading of the Latin aloud with correct accent, with fluency, and with proper expression. This recommendation applies also in the case of Greek, the words being accented according to the written Greek accent, and the diphthongs pronounced as follows :

αι as in *aisle*,	*αυ* as *ou* in *our*,
ει as in h*ei*ght,	*ευ* as in f*eu*d,
οι as in *oil*,	*ου* as in gr*ou*p,
υι as in qu*i*t,	*ηυ* as *eh-oo* rapidly pronounced.

GREEK.—Translation : (*a*) Passages for translation from prescribed books with questions arising out of those books. (For 1901), Xenophon, *Anabasis*, Book III or Book IV. (For 1902), Xenophon, *Anabasis*, Book IV. (*b*) Short and easy passages for translation at sight from books not prescribed. *Composition* : Such a knowledge as may be gained from White's First Greek Book, and the first fifteen exercises of Fletcher and Nicholson's Greek Prose Composition. *Grammar* : As in Elementary Grammars.

FRENCH.—Voltaire : *Charles XII.*, Books I, II, III. Grammar questions limited to the Accidence, and based on the passages selected for translation.

GERMAN.—Buchheim, *German Reader*, Part I, (Clarendon Press), or Hauff, *Das Wirthshaus im Spessart* (Macmillan & Co.), omitting the five tales interwoven in the original story. Grammar questions limited to the Accidence, and based on the passages selected for translation.

N. B.—Instead of the work prescribed above in Latin, Greek, French and German, candidates for Matriculation (but *not* for scholarships) may offer equivalents, provided they have been previously approved by the President.

3.—ENGLISH.—*Language:* Grammar, Analysis, Parsing. *Composition:* An essay on one of several set subjects to be drawn from: —Macaulay, *Warren Hastings;* Shakspere, *Merchant of Venice;* Longfellow, *Evangeline;* Scott, *The Lady of the Lake.*

NOTE.—The essential part of this examination is the essay. Legible writing, correct spelling and punctuation, will be considered indispensable. Skill shown in sentence and paragraph construction will be awarded high marks. Not more than *one* of the works named need be read. It should be read primarily for the story, and need not be studied minutely, as a choice is allowed among at least four themes drawn from the works named.

4.—ARITHMETIC AND ALGEBRA.—*Arithmetic. Algebra:* Simple rules; rules for the treatment of Indices; Surds; Extraction of Square and Cube Roots; Equations of the First Degree; Quadratic Equations of one unknown quantity.

5.—GEOMETRY.—Euclid, Books, I, II, III; or their equivalents.

6.—HISTORY AND GEOGRAPHY.—Outlines of English and Canadian History, and General Geography.

Candidates who pass in three or more subjects, but fail to pass the examination as a whole, will be exempted from such subjects, should they appear as candidates on any subsequent occasion.

Candidates reaching a certain standard will be declared to have Passed with Distinction, and will be eligible for the Sir William Young and Professors' Scholarships, and the Mackenzie Bursary. (§ xv.)

(2.) Candidates who hold the following Diplomas, Licenses or Certificates, shall be exempted from the above examination in subjects which were included in the examinations by which such Diplomas, Licenses or Certificates were obtained, and in which a sufficiently high standard was reached :—

(1.) Teachers' Licenses of Grades A or B of Nova Scotia.

(2.) High School Leaving Certificates of Grades XII (A.) or XI (B.) of Nova Scotia.

(3.) Honour Diplomas, or First or Second Class Ordinary Diplomas, as issued by the Prince of Wales College, P. E. I.

(4.) First Class or Second Class Teachers' Licenses of Prince Edward Island.

(5.) Superior Licenses (except in the subject of Latin), or First Class or Grammar School Licenses of New Brunswick.

Candidates who hold Teachers' Licenses or Leaving Examination certificates issued by the Education Offices of other Provinces, may be exempted from the whole or from parts of the above examination on application to the faculty.

Persons who, as candidates for the above licenses or certificates, succeeded in reaching a sufficiently high standard in the majority of the subjects of the above examination, shall be exempted from examination in such subjects.

(3.) Persons may be admitted as Undergraduates of the First Year, without examination, on presentation of certificates from the Principals of High Schools or Academies, approved for this purpose by the Faculty, stating that they have satisfactorily completed the work prescribed for the Junior Matriculation Examination and passed satisfactory examinations therein.

(4.) This examination will be held at the College on September 11th—14th, 1901.

§ VI.—Senior Matriculation Examination.— (1.)

The following are the subjects of this examination :

1—2. Two of the following :—Latin, Greek, French, German.

Candidates for B. A. must pass in Latin. If they intend to take Greek as one of the subjects of the Second Year they must also pass in Greek ; if not, they may select Greek or French, or German. Candidates for B.L. must pass in one modern language. They may select as the second subject, Latin or Greek or the other modern language.

LATIN.—(For 1901). Cicero, *Orations against Catiline ;* Vergil, *Æneid*, Book VI ; Tacitus, *Annals*, Book I.

(For 1902).—Cicero, *Orations against Catiline, DeSenectute, De Amicitia ;* Vergil, *Æneid*, Book VI.

GREEK.—(For 1901). Xenophon, *Hellenica*, Books I and II ; Sophocles, *Ajax*.

(For 1902).—Xenophon, *Hellenica*, Books I and II ; Euripides *Medea.*

The papers in Latin and Greek will contain passages for translation from the books prescribed, together with grammatical and other questions arising out of those books, and short and easy passages for translation from books not prescribed. General questions in Latin and Greek Grammar will also be set, and some English sentences to be turned into Latin and Greek.

FRENCH.—Macmillan's Progressive French Reader, II Year ; Molière : *Le Bourgeois Gentilhomme ;* Scribe : *Valérie ;* Grammar (Brachet, Public School Grammar), Composition.

GERMAN.—Hauff : *Wirthshaus im Spessart*, excluding the five tales interwoven in the story (Macmillan & Co.) ; Buchheim : German Reader, Part II ; Schiller : *Wilhelm Tell ;* Grammar, (Joynes-Meissner) ; Composition.

3. ENGLISH.—*Language :* Grammar, Analysis, Parsing. *Composition :* An essay on one of several set subjects ; to be drawn from :—Macaulay : *Warren Hastings ;* Shakspere : *Merchant of*

Venice; Longfellow: *Evangeline;* Scott: *The Lady of the Lake.* (See § v, 3. Note).

Literature.—Eighteenth Century: Prose. Addison: *Papers contributed to the Spectator.* Johnson: *Life of Pope.* (Macaulay: *Samuel Johnson*). Dryden: *MacFlecknoe, St. Cecilia's Day, Alexander's Feast.* Pope: *Rape of the Lock.* Gray: *Elegy in a Country Churchyard.* Goldsmith: *Traveller, Deserted Village.* Burns: *Twa Dogs, Cotter's Saturday Night.*

History and Geography.—Outlines of English and Canadian History and General Geography.

Instead of the works prescribed here in Latin, Greek, French, German and English, candidates for matriculation (but *not* for scholarships) may offer equivalents; provided they have been previously approved by the President.

4. MATHEMATICS.—*Arithmetic Algebra:* The simple rules. Involution, Evolution, Theory of Indices, Equations of the First and of the Second Degrees; Discussion of Imaginary Quantities and of $\sqrt{-1}$:—Proportion, Inequalities, Indeterminate Equations, Variation, Progressions, Theory of Notation; Elements of Determinants; Selected Propositions in the Theory of Equations, with Horner's method of approximating the Roots of an Equation of a Degree higher than the Second. *Geometry.* Euclid: Books I, II, III, IV, Definitions of the Fifth, and the Sixth Books, with Geometrical exercises.

5. CHEMISTRY.—The elements of General Chemistry. Remsen's *Introduction to the Study of Chemistry* (Macmillan & Co.) may be taken to indicate in a general way the extent of knowledge required. The examination will be designed to test the extent to which the candidate's knowledge of the subject is founded upon practical study.

N. B.—This examination is prescribed for candidates for Senior Scholarships.

(1.) Candidates who have previously passed in one or more of the above subjects, either at the Senior Matriculation Examination or at the Junior Matriculation and First Year Examinations, shall be exempt from further examination therein.

(2.) Candidates who held the following Licenses, Diplomas or Certificates shall be exempted from the above Examination in subjects which were included in the Examinations by which such Licenses, Diplomas or Certificates were obtained, and in which a sufficiently high standard was reached:

(1) Teachers' Licenses of Grade A of Nova Scotia.

(2.) High School Certificates of Grade XII (A) of Nova Scotia.

(3.) Honour Diplomas as issued by the Prince of Wales College, P. E. I.

(4.) First Class Licenses of Prince Edward Island, (except in the subject of Greek).

(5.) Grammar School Licenses of New Brunswick.

Candidates who hold the following Licenses or Certificates shall be exempted from such parts of the Junior Matriculation Examination as are common to it and the examinations by which such Licenses and Certificates were obtained, provided that in the latter, the candidates reached a sufficiently high standard :

(1.) Teachers' Licenses of Grade B of Nova Scotia.

(2.) High School Certificates of Grade XI (B) of Nova Scotia.

(3.) Second Class Licenses of Prince Edward Island.

(4.) Superior or First Class License of New Brunswick.

Candidates who hold Teachers' Licenses or Leaving Examination Certificates, issued by the Education Offices of other Provinces, may be exempted from the whole or from parts of the above examination, on application to the Faculty.

Persons who, as candidates for the above Licenses and Certificates, attained a sufficiently high standard in the more important of the subjects of the above examination, shall be exempted from examination in such subjects.

(3.) Candidates must give at least one fortnight's notice to the President, of their intention to appear at this examination ; and in giving such notice they must state in what Latin, Greek, French, German, and English books they intend to offer themselves for examination, and in what subjects they claim exemption from examination.

(4.) This examination will be held at the College on September 11th—16th, 1901.

§ VII.—Ordinary Courses of Study for Degrees of B. A. and B. L.—(1.) The B. A. course consists of the following classes :—

1. Three in either Latin or Greek.

2. Two in one of the following :—The classical language not selected to be studied for three years, German, French.

3. Two in each of the following :—English, Mathematics.

4. One in each of the following :—History, Philosophy, Physics, Chemistry.

5. Seven single classes (or an equivalent), to be selected, subject to the approval of the Faculty, from the lists given below [§ vii (9), p. 44], a single class being one in which two or three lectures per week are given, a double class one in the number is four or five, and one double class being regarded as equivalent to two single classes.

(2) The B. L. course consists of the following classes:—

1. Three in either German or French.

2. Two in one of the following:—The modern language not selected to be studied for three years, Latin, Greek.

3 Three in English.

4. One in each of the following:—History, Philosophy, Mathematics, Physics, Chemistry.

5. Seven single classes (or an equivalent) to be selected, subject to the approval of the Faculty, from the lists given below [§ vii (9), p. 44], equivalents being determined as in (1), 5, above.

(3.) The classes not specified above, which are selected by students as part of their course, must be submitted to the President for approval at a date not later than Oct. 1, 1901.

(4.) Undergraduates in taking French or German for the first time, enter the classes for which the Professor considers them fitted. In other subjects, they enter the First or Junior classes.

(5.) The First class in Latin, Greek. French and German is not recognized as a part of the course for a degree unless the Second class is subsequently taken.

(6.) No class in which the subjects studied are the same from year to year, can be taken twice as part of a course.

(7.) A sufficient number of the more purely literary, philosophical, or scientific subjects of theological, legal, medical and musical courses respectively, are included among the elective subjects, to enable the student during his course to complete part of one or other of these professional courses. Students taking Constitutional History, Constitutional Law and Contracts, and passing therein, are allowed to complete their Law Course in this University subsequently, in two years [§ xl (4)]—Students who have registered as undergraduates in Medicine, may complete one *annus medicus* during their Arts Course by taking in any one year either Junior Chemistry or Senior Chemistry (Medical), and Physiology. (See Faculty of Medicine).

(8.) The classes in the above courses may be taken in any order subject to the provisions:—(1) that in any one subject, classes are to be taken in the order of their advancement; (2) that Junior Mathematics is to be taken before Junior Physics; and (3) that Junior Physics and Junior Chemistry are to be taken before Practical Physics and Practical Chemistry respectively; (3) that Junior Philosophy is to be taken before Moral Philoscphy.

(9.) In the following statement, however, the classes are arranged in years, to show the order in which it will generally

be found most convenient to take them. The time-table of lectures and the dates of examinations are based upon this arrangement.

The details of the subjects stu lied in these classes will be found under Courses of Instruction. (§ i).

First Year.

1. *For B. A.*—Latin or Greek. *For B. L.*—German or French.

2. *For B. A.*—The classical language not selected as subject 1, or French, or German. *For B. L.*—The modern language not selected as subject 1, or Latin, or Greek.

3. First English.

4. Junior Mathematics.

5. Junior Chemistry.

N. B.—Undergraduates who intend in their Third Year to enter the Special Course in Mathematics and Physics, or Chemistry and Chemical Physics, (§ viii, 12 & 13), are recommended to take German as subject 2, and to give special attention to Mathematics and Chemistry.

Undergraduates who intend to enter other special courses, are recommended to take German as an additional class.

Second Year.

1. *For B. A.*—The language selected as subject 1 in the First Year. *For B. L.*—The language selected as subject 1 in the First Year.

2. *For B. A.*—The language selected as subject 2 in the First Year. *For B. L.*—The language selected as subject 2 in the First Year.

3. Second English.

4. *For B. A.*—Senior Mathematics. *For B. L.*—Senior Mathematics or Junior Physics.

5. Junior Philosophy or (in the case of students who intend to enter the Special Courses in Pure and Applied Mathematics or Mathematics and Physics,) Junior Physics, or (in the case of students who intend to enter the Special Course in Chemistry and Chemical Physics,) Senior Chemistry.

Third Year.

1. *For B. A.*—Latin or Greek or N. T. Greek. The language selected must have been taken during the First and Second Years. *For B. L.*—German or French; the language selected must have been taken in the First and Second Years.

2. *For B. A.*—Junior Physics or (if Junior Physics have been taken in the Second Year), Junior Philosophy. *For B. L.*—Junior Physics or (if Junior Physics have been taken in the Second Year) one of subjects 4—5.

3. Junior History.

4—5. Two of the following:—

Latin,	Moral Philosophy,
Greek,	Senior Philosophy,
N. T. Greek,	Modern Philosophy,
Hebrew,	Science of Education,
French,	Senior Chemistry,
German,	Practical Chemistry,
Biblical Literature,	Botany,
English,	Zoology,
Constitutional History,	Practical Physics,
Political Economy,	Theory of Music,
Greek Philosophy.	

Fourth Year.

Five of the following:—

Latin,	Senior Philosophy,
Greek,	Modern Philosophy,
N. T. Greek,	Greek Philosophy,
Hebrew,	Moral Philosophy,
French,	Science of Education,
German,	Senior Physics,
Biblical Literature,	Practical Physics,
English,	Senior Chemistry,
History,	Practical Chemistry,
Political Economy,	Botany,
Constitutional History,	Physiology,
Constitutional Law,	Zoology,
Contracts,	Theory of Music.

N. B.—Any Advanced Class may, in this year, be taken as an ordinary class, if approved by the Faculty.

§ **VIII.—Special Courses for Degrees.**—(1.) An undergraduate shall be allowed, after completing the work recommended in § vii for the first two years of his course, to restrict his attention to a more limited range of subjects than that of the ordinary course, by entering upon one of the Special Courses, provided he has either attained both a First Class standing at the previous Examination in the subject corresponding to that of the Special Course selected, and a satisfactory standing in the other subjects, or received the special permission of the Faculty.

(2.) Special Courses are provided in the following departments, viz., (A) Classics, (B) Latin and English, (C) Greek and English, (D) English and German, (E) English and English History, (F) Philosophy, (G) Pure and Applied Mathematics, (H) Mathematics and Physics, (I) Chemistry and Chemical Physics.

(3.) An undergraduate taking a special course in any of the above departments shall be required to attend the Advanced Classes provided in the subjects of such departments (§ 1), to make progress satisfactory to the Professors who conduct such classes, and to pass the examinations in the subjects of such department. He shall be allowed to omit, from the subjects of the ordinary course, certain specified subjects below, and may select as his ordinary classes in any year, any of the classes of that year, subject to the following regulations and to the approval of the Faculty.

(4.) The examinations in the subjects of Special Courses shall be held at the end of the Fourth Year.

(5.) Undergraduates taking the Special Course in **Classics** (A) may, in each of the Third and Fourth Years, omit any two of the subjects of those years, except Latin and Greek.

They shall be examined in the following subjects:

LATIN.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those prescribed in the ordinary course:—

Plautus: *Miles Gloriosus.*
Terence: *Adelphi.*
Vergil: *Georgics*, Books I, IV.
Horace: *Epistles*, Books I, II; *Ars Poetica.*
Juvenal: *Satires*, Books VII, VIII, XIV.
Cicero: *De Oratore*, Books I, II, III.
Livy: Books XXI, XXII.
Tacitus: *Agricola: Annals*, Book II.

II. Candidates will be required to show a general knowledge of one prose and one verse subject, to be chosen by them from the following list:—

Plautus: *Menœchmi*, and *Aulularia.*
Terence: *Andria*, and *Heautontimorumenos.*
Cicero: Select Letters, (Muirhead's edit., Longmans, London).
Tacitus: *History*, Books III, IV, V.

III. COMPOSITION.—Prose.

IV. LITERATURE.—Cruttwell's History of Roman Literature, selected chapters.

V. PHILOLOGY.—Victor Henry's Comparative Grammar of Greek and Latin.

GREEK.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those of the ordinary course :—

Aeschylus : *Eumenides.*
Sophocles : *Oedipus Rex.*
Aristophanes : *The Knights.*
Homer : *Odyssey*, Books V, VI, VII, VIII.
Thucydides : Book II.
Plato : *Phædo.*
Demosthenes : *De Corona.*
Aristotle : *Poetics.*

II. Candidates will be required to show a general knowledge of one prose and one verse subject, to be chosen by them from the following list :—

Aeschylus : *Agamemnon*, and *Choephori.*
Sophocles : *Oedipus Coloneus*, and *Antigone.*
Thucydides : First and Seventh Books.
Aeschines : *Contra Ctesiphontem*, and
Demosthenes : *De Falsa Legatione.*

III. COMPOSITION.—Prose.

IV. PHILOLOGY.—Victor Henry's Comparative Grammar of Greek and Latin.

V. LITERATURE.—Mahaffy's History of Greek Literature, the portions bearing on the authors and subjects read by the candidate during his college course. Haigh's Theatre of the Greeks.

(6.) Undergraduates taking the Special course in **Latin and English** (B) may, in each of the Third and Fourth Years of their course, omit any two of the subjects of those years except Latin and English. They shall be examined in the following subjects, viz.:—

LATIN.

The Latin subjects prescribed for the Special Course in Classics.

ENGLISH.

The historical development of the language and literature to the year 1300. Bright, *Anglo-Saxon Reader.* Sievers, *O. E. Grammar* (trans. by Cook), Pt. II. Morris, *Specimens of Early English*, I. Emerson, *History of the English Language.* Sight reading of O. E.

History of the Elizabethan and Early Stuart Literatgre. Lectures. Sidney, *Apologie for Poetrie.* Hooker, *Ecclesiastical Polity*, Book I. Bacon, *Advancement of Learning, Essays.*

Marlowe, *Tamburlaine, Edward II., The Jew of Malta.* Greene, *Friar Bacon and Friar Bungay.* Jonson, *The Alchemist. Every Man in His Humor.* Beaumont and Fletcher, *Philaster, The Knight of the Burning Pestle.* Massinger, *A New Way to Pay Old Debts.* Webster, *The Duchess of Malfi.* Shakspere, *Titus Adronicus, Romeo and Juliet, Julius Cæsar, Hamlet, Othello, Lear, Macbeth,*

Antony and Cleopatra, Coriolanus, Timon, The Two Noble Kinsmen. Part of this course is conducted by means of a Seminary.

Books recommended: Sidney, Cook's edition (Ginn & Co.); Hooker, Church (Clarendon Press); Bacon, Advancement, Wright (Clar. Press); Essays (Wright, G. T. Series). History of Literature; Ten Brink, Saintsbury, Brooke. Clarendon Press, "Mermaid," "Temple Dramatists," and Arber editions of Elizabethan works.

(7.) Undergraduates taking the Special Course in **Greek and English** (C) may, in each of the Third and Fourth Years of their course, omit any two of the subjects of those years, except Greek and English. They shall be examined in the following subjects, viz.:—

GREEK.

The Greek subjects prescribed for the Special Course in Classics.

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

(8.) Undergraduates taking Special Course in **English and German** (D) must have taken German in the First and Second Years of their course, and may in each of the Third and Fourth Years omit any two subjects of those years except English and German. They shall be examined in the following subjects :—

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

GERMAN.

Middle High German : Grammar (Wright's Middle High German Primer); Selections from Hartmann von Aue, Walther von der Vogelweide, Nibelungenlied, Gudrun, Wolfram von Eschenbach, Freidank or Gottfried von Strassburg, Sebastian Brant, (Wackernagels Kleineres Altdeutsches Lesebuch

Selections from Swiss and Plattdeutsch dialect literature.

German Literature of the 16th, 17th and 18th centuries, with selections from authors of that period.

Two of the chief literary works of Goethe not read in the ordinary course.

Translations of unspecified passages from any Modern High German Author.

Prose Composition

(9.) Undergraduates taking the Special Course in **English and English History** (E) may, in each of the Third and Fourth Years of their course omit any two of the subjects of those years, except English and History. They shall be examined in the following subjects, viz.:—

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

ENGLISH HISTORY.

English History from A. D. 1603-1689.

Books recommended : Green's History of the English People, Vol. 3; Lingard's History of England, Vols. 8-10; Hallam's Constitutional History of England, Chap. VI -XIV.; Ranke's History of England; S. R. Gardiner's works on this period; Clarendon's History of the Great Rebellion; Masson's Life of Milton; Carlyle's Life of Cromwell; Forster's Life of Eliot; Bayne's Chief Actors in the Puritan Revolution.

(10.) Undergraduates taking the Special Course in **Philosophy** (F) may, in each of the Third and Fourth Years of their course omit any one of the subjects of those years, except Senior Philosophy, Modern Philosophy, Moral Philosophy, and Greek Philosophy. They are recommended to take German. They shall be examined in the following subjects :—

I. General History of Philosophy.
Ferrier : Greek Philosophy.
K. Fischer : Descartes and his School, pp. 1-158, 309-375, 465-581.
Seth (A) : Scottish Philosophy.
Royce : Spirit of Modern Philosophy.

II. Greek Philosophy from the Sophists to Aristotle, and Modern Philosophy from Locke to Kant.
Plato : Republic and Theaetetus (with Dyde's Introduction).
Aristotle : Metaphysics, Book I., and Ethics (with Muirhead's Introduction).
Locke : Essay on Human Understanding (with Fraser's Prolegomena).
Berkeley : Principles of Human Knowledge, Dialogues, and Siris (as in Fraser's Selections, 5th edit.).
Hume : Treatise of Human Nature, Book I.
Reid : Inquiry into Human Mind; Intellectual Powers, Essay VI.
Kant : The Critiques of Pure Reason, of Practical Reason, and of Judgment (as in Watson's Selections).
Hegel : Logic, Chaps. I.-VI. (Wallace's Translation).

III. Any *three* of the following :

1. Principles of Logic. Bosanquet : Logic.
2. Principles of Psychology. James : Principles of Psychology.
3. Principles of Ethics. Green : Prolegomena to Ethics; Paulsen : A System of Ethics.
4. Principles of Metaphysics. Lotze : Metaphysics.
5. Philosophy of Religion. Caird : Introduction to the Philosophy of Religion; Ward; Naturalism and Agnosticism.

IV. Any *one* of the following :

1. History of Philosophy from Descartes to Leibniz. Descartes : Method, Meditation and Principles; Spinoza : Ethics; Caird : Cartesianism; Pollock : Spinoza; Leibniz : Monadology (with Latta's Introduction)

2. History of Philosophy from Kant to Hegel. Hegel: Logic (Wallace's Translation), and Philosophy of Right (Dyde's Translation); Everett: Fichte's Science of Knowledge. Seth: Hegelianism and Personality, and From Kant to Hegel. McTaggart; Studies in Hegelian Dialectic.
3. History of Philosophy from Hume to Spencer. Comte: Positive Philosophy. Mill: as in Watson's Selections. Spencer: First Principles. Mill: Comte and Positivism; Douglas: John Stuart Mill. Watson: An Outline of Philosophy.

(11.) Undergraduates taking this Special Course in **Pure and Applied Mathematics** (G) are recommended to take German in their First and Second Years and Junior Physics in their Second Year; and in the event of their not having done so, they should work up the German in their vacations, and should read the appropriate sections of the elements of Physics (if possible, performing experiments) before entering the Senior Physics Class. They may omit in the Third Year any two, and in the Fourth Year any three of the subjects of those years except Physics, and must take the Senior Physics Class in both the Third and Fourth Years. The standard of attainment shown in the examinations in this Class in both Years will be considered in estimating the results in the final examination of the Special Course.

The subjects of examination will be as follows:—

PURE MATHEMATICS.

TRIGONOMETRY.—Angular Analysis: Solution of Spherical Triangles; Napier's Analogies; with application to Astronomical Problems.

ANALYTICAL GEOMETRY.—The Conic Sections, and the equation of the Second Degree between two variables; as far as set forth in any standard treatise on the subject.

CALCULUS.—Differential and Integral, as set forth in any standard treatises on these subjects (Williamson's Treatises recommended). Differential Equations, with practical application to Physical problems. Dr. D. A. Murray's Introductory Course of Differential Equations recommended. (Longmans, Green & Co., New York.)

APPLIED MATHEMATICS.

Either the Kinematics and Dynamics of particles, rigid bodies, flexible strings, elastic solids and fluids, or Thermodynamics and the Theory of Electricity and Magnetism,—those portions of these subjects which are treated in the class of Advanced Mathematical Physics or may be appointed for private reading in the course of the work of that class, the mode of treatment being by application of Analytical Geometry and the Differential and Integral Calculus.

(12.) Undergraduates taking the Special Course in **Mathematics and Physics** (H) should have studied German in their

First and Second Years, and Junior Physics in their Second Year. In the event of their not having done so, they should work up the German in their vacations and should read the proper sections of the elements of Physics (if possible performing experiments), before entering the Senior Physics Class. They are required, if they wish to complete the course in two years, to take in their Third Year Advanced Mathematics, Senior Physics, Practical Physics, Senior Chemistry, and Practical Chemistry, and in their Fourth Year, the Advanced Classes in Mathematics, Mathematical Physics and Experimental Physics, and Senior and Practical Physics. But they are advised to take three years rather than two to complete the course. The standard of attainment shewn in the examinations in Senior Physics in both Years will be considered in estimating the results of the final examination of the Special Course.

They will be required in the course of their Laboratory work in Physics and Chemistry to prove their ability to make accurate determinations of physical constants, to conduct investigations of physical laws, and to carry out qualitative analyses and both gravimetric and volumetric quantitative analyses of inorganic bodies.

Those who aim at High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to exhibit a high standard of excellence in the more mathematical parts of the course.

The subjects of examination will be as follows :—

1. MATHEMATICS.—The subjects of the Special Course in Pure and Applied Mathematics, § viii (11), the standard of attainment required not being so high as in the Special Course in Pure and Applied Mathematics.

2. APPLIED MATHEMATICS.—The subjects of the Special Course in Pure and Applied Mathematics.

3. GENERAL PHYSICS.—A systematic general knowledge of all sections of the subject, as *e. g.* in Watson's Text-book of Physics, (Longmans & Co.) with a more detailed knowledge of special sections illustrating the use of theory in research, such as the kinetic theory of gases, the theory of solutions and of electrolysis, and the wave theory of light.

4. EXPERIMENTAL METHODS.—A general acquaintance with the methods applicable in different classes of investigation, as in Glazebrook and Shaw's Practical Physics (Longmans, Green & Co.), and Ostwald's Physico-Chemical Measurements (Macmillan & Co.)—The experimental methods of the following memoirs :—Joule's papers on the determination of the Mechanical Equivalent of Heat, contained in his Scientific Papers (Taylor & Francis), vol. I, pp. 123, 172, 298, 542, 632; Faraday's Experimental Researches in Electricity (Quaritch), vol. I, Series iii., iv., v., vi., viii.; Lord Kelvin's papers on the Electrodynamic Qualities of Metals, in his Mathematical and Physical Papers, Vol. II, (Camp. Univ. Press).—The treatment of

observations and the discussion of the accuracy of experimental results, as in Holman's Precision of Measurements (John Wiley & Sons), supplemented by the more purely physical chapters of Merriman's Text-book of Least Squares (J. Wiley & Sons).

(13.) Undergraduates taking the Special Course in **Chemistry and Chemical Physics** (1) are recommended strongly to select German as one of the subjects of their First and Second Years, to take Senior Chemistry in their Second Year, and to read the appropriate sections of the elements of Physics (if possible performing experiments) before entering the Senior Physics Class in their Third Year. They are required in their Third Year to take the following classes :—Advanced Practical Chemistry, Advanced Mathematics (partial course), Junior Physics (with work in the Laboratory), Senior Physics, and German, and in their Fourth Year, the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course), Advanced Experimental Physics, Senior Physics, Practical Physics, and German (if not taken in First and Second Years).

Candidates will be examined at the end of the Fourth Year in the following subjects :—

CHEMISTRY.

(1.) The principles and theories of modern chemistry. The following books are mentioned to indicate the extent of knowledge required :—Remsen's *Inorganic Chemistry, Advanced Course* (H. Holt & Co.); Bernthsen's *Organic Chemistry*, translated by McGowan (Blackie & Son, Van Nostrand); Meyer's *Outlines of Theoretical Chemistry*, translated by Bedson and Williams (Longmans).

(2.) Outlines of the history of chemistry. In this connection candidates will be required to have an acquaintance with the following :—Schorlemmer's *Rise and Development of Organic Chemistry*, (MacMillan & Co.); Roscoe's *Dalton and the Rise of Modern Chemistry*, (MacMillan & Co.); Shenstone's *Justus von Liebig*, (Macmillan & Co.); and the essays on Boyle, Priestley, Scheele, Cavendish, Lavoisier, Graham and Wöhler, in Thorpe's *Essays in Historical Chemistry*, (Macmillan & Co.)

(3.) The following memoirs :—*On the Arsenates, Phosphates and Modifications of Phosphoric Acid*, Graham, Philosophical Transactions, 1833 ; *Ueber das Radikal der Benzoesaüre*, Liebig and Wöhler (Ostwalds Klassiker, No. 22); *Ueber die Constitution der organischen Saüren*, Liebig (Ostwalds Klassiker, No. 26.)

(4.) The principles and methods of qualitative analysis and of quantitative analysis, both gravimetric and volumetric, and the practical details of laboratory operations.

Candidates must have prepared in pure condition not fewer than twenty inorganic compounds, and not fewer than thirty organic compounds. They must be able to carry out accurate quantitative determinations of the following elements : chlorine, bromine, iodine, sulphur, nitrogen, phosphorus, silicon, carbon, hydrogen, and of the most important metals.

(5.) CHEMICAL PHYSICS.—Those sections of Physics which have an intimate bearing upon chemical research, viz., the properties of gases and liquids, including the kinetic theory of gases and the theory of solutions, the theory of heat, electrolysis, and the wave theory of light,—Physical experimental methods which are applicable in chemical research, as in Ostwald's Physico-Chemical Measurements, (Macmillan & Co.)—The discussion of the degree of accuracy of experimental results, as in Holman's Precision of Measurements, (J. Wiley & Sons).

(6.) Candidates for High Honours (see § xii) will be expected to prepare a thesis embodying the results of a short original investigation.

Candidates who do not undertake an original investigation will be expected to show special familiarity with some branch of laboratory work, such as the preparation of some of the complex organic compounds; the assaying of ores; the analysis of foods or poisons; the analysis of soils; water analysis or gas analysis.

§ IX. Attendance.—Undergraduates and other students who wish their attendance on classes to be recognized as qualifying for a Degree or a Class Certificate, are required to attend the lectures or other meetings of the classes with regularity and punctuality. Professors and Lecturers are instructed to record the presence or absence of students immediately before commencing the work of the class, and to amend the record in the case of those who may enter thereafter, only provided satisfactory reasons are assigned. Irregularity may involve exclusion from the examinations held at the end of the session, and non-recognition of the attendance.

§ X. Class Exercises and Examinations.—

(1.) Undergraduates and other students who wish their class work to be recognized as qualifying for a degree or a class certificate, are required to appear at all examinations, and to prepare such exercises, essays, reports, etc., as may be prescribed by the Professors or Lecturers

In all classes two examinations are held, one immediately before the Christmas vacation, and the other after the closing of lectures in the Spring. In some classes, other examinations may be held at dates appointed by the Professors. At the Spring Examinations questions may be set on any subject treated during the session.

The dates of examinations are arranged so as to enable undergraduates who follow the order of classes recommended in § VII, to appear at all the examinations of the classes they may be attending. Undergraduates who attend the classes in any other order, and general students who wish to appear at examinations, should select classes with non-coincident examination dates. (See Almanac, pp. 3-5).

In order that the work done in a class by a student may be recognized as qualifying for a degree or a class certificate, he must secure a position on the Pass List. In the determination of such list, both the standing obtained in the various examinations and the degree of excellence shown in the essays, reports, and other class exercises referred to above are taken into consideration. The names appearing on the Pass List are arranged in order of merit.

(2.) A student who fails to obtain a position on the Pass List in one or more subjects at the end of any Session shall be allowed a Supplementary Examination in such subjects, at the beginning of the next Session of his attendance, on the day appointed for that purpose in the University Almanac, (Sept. 16th, 1901). He may also present himself at the ordinary Christmas and Spring Examinations of such next Session. The fee for a Supplementary Examination, or for appearing as above provided, at the Christmas and Spring Examinations, shall be Two Dollars in each subject, but in the case of students failing in more than two subjects, the maximum fee shall be Five Dollars.

(3.) A student who has failed either to appear or to pass at the Supplementary or other Examination provided for by (2) may, on application to the Faculty, be granted a Special Supplementary Examination at the beginning of any subsequent Session. But, if in the meantime, the student has attended a more advanced class in the same subject, he will be expected to show greater proficiency than if he had passed the examination at the proper date. The fee for a Special Supplementary Examination shall be Five Dollars per subject, but if the examination includes more than two subjects, the maximum fee shall be Ten Dollars.

(4.) A student who fails either to appear or to pass at a Supplementary Examination shall not be allowed a Special Supplementary Examination in the same Session, except by special permission of the Faculty ; and in cases in which such Examination is granted, the fee provided for by (3) must be paid.

(5.) Students wishing to appear as candidates at any Supplementary or Special Examination, shall be required to give notice of their intention to the Secretary of the Faculty, at least one week before the date of such examination. The fee to be remitted with such notice.

(6) In addition to the ordinary work of of the classes required for the attainment of a position in the Pass List, additional work, consisting of private reading, essays, reports, etc., is prescribed for students who aim at Class Distinction (see § 1), special examinations being held in such additional work at

the end of the Session. The award of such distinctions is based upon the whole work of the class, the ordinary work as well as the additional, and may be made to any student attending the class, whether undergraduate or general student, provided his attendance has been sufficiently regular.

Class Distinctions are of two grades,—First and Second Class; but candidates who attain a standing considerably above that required for First Class, will be indicated as having made a High First Class. In the Distinction Lists, the names of successful candidates are arranged in alphabetical order in each grade.

No Supplementary Distinction Examinations are granted to unsuccessful candidates.

§ **XI. Degrees with Honours.**—Degrees with Honours in any one of the departments of study in which Special Courses are provided, will be conferred on undergraduates for special excellence shewn at the Examinations in the subjects of such courses.

Successful candidates will be declared to have obtained their degrees With Honours, or With High Honours.

A candidate for Honours may defer his examination in the subjects of his Special Course until a year after he has passed the examinations in the ordinary subjects of the Fourth Year; in which case, however, such candidate shall not be entitled to his Degree until he has passed the examinations of such Special Course.

§ **XII. Degrees with Distinction.**—Degrees with Distinction will be conferred on undergraduates for special excellence shewn, at Examinations and otherwise, in the work of the ordinary classes recommended to be taken in the Second, Third and Fourth Years of the Course. Such degrees imply greater specialization of subject than the ordinary degree and less than the degree with Honours; but they are intended to involve as much work as the latter.

The award of such degrees is based upon the Class Distinctions (§ x (6). p. 55) gained by candidates; but regard is had, not only to the number and grade of the Distinctions gained, but also to the private work required for them, and the relation to one another of the subjects in which they have been gained.

Candidates for such degrees should so select the elective classes of the above years (§ vii) that the classes thus selected together with required classes of these years, shall form groups of three or four classes in such of the following departments as they may prefer, viz.: (*a*) Latin; (*b*) Greek; (*c*) German

(*d*) French ; (*e*) English ; (*f*) History and Political Economy; (*g*) Philosophy ; (*h*) Mathematics and Physics, and (*i*) Chemistry. They should aim at the attainment of a good standing in all the classes thus taken, and at a high standing in all the classes of as many of the groups selected as possible.

Distinctions gained in recognized classes of other Faculties of the University are taken into consideration ; but not those gained in classes which are not taken as parts of the Course or in recognized classes of other Colleges.

Candidates for such degrees are advised to consult the Faculty at the beginning of the third and fourth years with respect to the selection of classes.

§ XIII. Short Courses of Study for General Students.—(1.) For the benefit of students who may not be able to spend four full years at the University, but may be able either to spend two full years or to give partial attendance for a longer period, short courses of study have been arranged, as specified below.

Students entering upon these courses are not required to pass any preliminary examination ; but they are recommended not to enter classes in which some knowledge of the subjects studied is assumed, without first consulting the Professor as to their ability to enter with profit upon the work of the classes.

To students who attend the classes in these courses with regularity, show diligence in the class work, and are successful in passing the examinations, certificates will be issued stating the nature of the course pursued and the degree of success attained.

The details of the subjects studied in the classes mentioned below, will be found under Courses of Instruction (§§) i., xxiv., xliv.)

(2.) **Short Course of Liberal Studies.**—The aim of this course is to give the student the same kind of training as that provided by the B. A. and B. L. courses. It consists of ten classes. Of these, two must be in English, and the remainder may be selected by the student, subject to the provisions of the Time Table, from the other subjects mentioned in this paragraph, with the following restrictions :—(*a*) One of the four subjects—Latin, Greek, French, German—must be taken during two years, and if another of these subjects be selected, it also must be taken during two years. (*b*) At least two of the four subjects—Mathematics, Physics, Chemistry, Botany,—and at least two of the three subjects—History, Political Economy, and Philosophy,—must be taken for one year each ; and any two of them, if subjects in which two

classes are provided, may be taken during two years. The class in any subject in which a student shall enter will be that for which he is fitted by his previous study.

(3.) **Short Course in Subjects bearing on Journalism.**—The aim of this course is to enable a student to study as thoroughly as the time at his disposal will permit, subjects which have a direct bearing on newspaper work in Canada. It consists of the following classes:—English, (First, Second and Fourth Classes), French (during two years). Junior Philosophy, Moral Philosophy, History, (Junior and Senior Classes), Political Economy, Constitutional History and Constitutional Law. Persons who have already acquired the requisite proficiency in some of the above subjects, may take other subjects in place of these, or complete the course by attending the classes, and passing the examinations, in the remainder.

(4.) **Short Course in Subjects bearing on Commerce.**—This course is intended for young men who wish before entering business offices to spend two years in studies bearing on their future work. It consists of ten classes, of which two must be in English, other two in one of the commercial languages—French, German,—the remaining six being selected from the following:—French, German, Mathematics, Physics, Chemistry, Political Economy, Contracts, Sales of Personal Property, Negotiable Instruments, Partnership and Companies, and Shipping and Marine Insurance.

Students who take this course may supplement it by obtaining, during the summer vacations, the practical training in business methods provided by a Business College.

§ XIV.—Classes not Qualifying for a Degree.—

From time to time classes are organized for the benefit of persons not wishing to proceed to a degree. Announcements of such classes are made at the beginning of the term.

§ XV.—Medals, Prizes, Scholarships, and Bursaries.

(The Senate reserves to itself the right of withholding Medals and Prizes in cases in which sufficient merit is not shown.)

GRADUATE PRIZES.

THE SIR WILLIAM YOUNG GOLD MEDAL, founded by bequest of the late Hon. Sir William Young, will be awarded on graduation to the student who stands first among those taking High Honours in Pure and Applied Mathematics, provided he attain a standard considerably above that required for High Honours.

UNIVERSITY MEDALS will be awarded on graduation to students who take High Honours in other departments than

Mathematics, on the same conditions as the Sir William Young Gold Medal.

THE AVERY PRIZE.—This prize, the interest of $500, bequeathed for this purpose by the late J. F. Avery, M. D., will be awarded on graduation to the student standing highest among those graduating with Distinction. See § xi.

The Scholarship offered by Her Majesty's Commissioners for the Exhibition of 1851, which is of the annual value of £150 sterling and tenable for two years (see Faculty of Science, § xxxviii), is open to students of the University.

UNDERGRADUATE PRIZES.

NORTH BRITISH SOCIETY BURSARY.—A Bursary of the annual value of $60, founded by the North British Society of Halifax, is offered for competition at the Examinations of the Second Year's Course in Arts. It is tenable for two years, namely, during the Third and Fourth Years of the Undergraduate Course in Arts. Candidates must be undergraduates who have completed two years of the Curriculum, and must be eligible at the proper age for membership in the North British Society. The next competition will take place in April, 1902.

THE WAVERLEY PRIZE.—This prize, the interest of an endowment of $1000. will be awarded annually to the student of the Second Year Mathematical Class, who stands highest at the Examinations of the Mathematics of the Year, the winner of the North British Society Bursary being excluded.

CHEMISTRY PRIZE.—N. E. MacKay, Esq., M. D., of Halifax, offers an annual prize of Forty Dollars in Chemistry. The prize is open for competition to the students of the university in the Senior Chemistry Class.

ENTRANCE SCHOLARSHIPS AND BURSARY.

(1.) JUNIOR.—The following Scholarships and Bursary are offered for competition at the Junior Matriculation Examination in the Faculties of Arts and Science, to students entering the First Year of the Faculties of Arts and Science:

(*a*) *Two Sir William Young Scholarships;* one, of the value of One Hundered Dollars, and one, of the value of Seventy-Five Dollars, tenable for one year and payable in two instalments.

(*b*) One *Professors' Scholarship*, entitling to exemption from fees throughout the entire course, in classes conducted by Professors (not Lecturers) in the Faculties of Arts and Science; provided the scholar make progress satisfactory to the Faculty.

They will be awarded to the three candidates ranking highest at this examination, provided their standing be considered satisfactory by the Faculty. The successful candidates will be allowed to select, in the order of their standing, the scholarships which they shall hold. The Mackenzie bursar is not eligible.

(*c*) One *Mackenzie Bursary*, of the value of Two Hundred Dollars, will be offered annually in accordance with the following condition of bequest: Competitors of the name Mackenzie, Maclean or Fraser, who obtain Distinction, will be given the preference. Should no candidate of the name of Mackenzie, Maclean or Fraser obtain Distinction, the Bursary will be awarded to the candidate standing highest among those obtaining Distinction.

The Bursary is payable in four annual instalments; and the payment of any instalment is conditional on the bursar's attending the classes required for undergraduates, and making satisfactory progress therein.

(2.) SENIOR.—The following scholarship is offered for competition at the Senior Matriculation Examination in the Faculties of Arts and Science, to students entering the Second Year who have not previously attended the classes of the First Year. See § vi.

(*a*) One *Professors' Scholarship*, entitling to exemption from fees throughout the entire course, in classes conducted by Professors in the Faculties of Arts and Science, provided the scholar make progress satisfactory to the Faculty,

It will be awarded to the candidate ranking highest at this Examination, provided his standing is considered satisfactory by the Faculty.

§ **XVI.—Residence.**—All students are required to report their places of residence to the President on or before the day appointed in the University Almanac, (October 14th.)

All students not residing with relatives or friends are required to reside in approved lodging-houses.

Persons who wish to take students as boarders, must furnish the President with satisfactory references. A Register is kept by the President, containing the names of those persons who have met this requirement; and for the convenience of students, a list of the names and addresses of such persons will be posted

on the notice-board in the College hall at the beginning of the Session.

Women students in any Faculty are admitted, on certain conditions, as boarders, to the Halifax Ladies' College.

§ **XVII.—Church Attendance.** — All students not residing with parents or guardians, are required to report to the President on or before the day appointed in the University Almanac, (October 14th), the churches they intend to make their places of worship during the Session. Intimation will be made to the various clergymen of the city, of the names and addresses of the students who have chosen their respective places of worship.

§ **XVIII.—Discipline.**—The Senate may use all means deemed necessary for maintaining discipline.

§ **XIX.—Degrees of Master of Arts and of Letters.** —The degree of Master of Arts or of Letters will be conferred on a Bachelor of Arts or of Letters, respectively, of this University, of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research on some literary, philosophical or scientific subject, or on his passing an examination in a course of study, appointed or approved by the Faculty, of at least the extent represented by the academic work of one year of the Arts or Letters Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University or by private reading, and to adopt the courses to their individual tastes and capacities. But no course of study will be approved unless it is confined either to one department of study or to closely related departments.

Theses must be sent to the Secretary to the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations ; but in special circumstances they may be held in the Autumn. Candidates must give one month's notice of their intention to appear for examination. Fee to be remitted with notice.

§ **XX.—Degree of Doctor of Laws.**—The degree of Doctor of Laws may be conferred *honoris causâ*, for eminent literary, scientific or professional services.

§ **XXI.—Admission ad Eundem Gradum.**—Graduates of Universities approved by the Senate, who have received their degree in course, shall be admitted *ad eundem gradum* in

this University, on producing satisfactory proof of character and academic standing. For fee see § xxiii.

§ XXII.—Academic Costume.—(1.) Undergraduates and general students attending more than one class are entitled to wear caps and gowns, and to wear the gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

(2.) Bachelors and Masters of Arts, and Bachelors and Masters of Letters, of this University, shall be entitled to wear gowns, of black stuff, and hoods The distinctive part of the costume is the hood. The following are the kinds of hood appointed for the various degrees:—

B. A.—Black stuff lined with white silk and bordered with white fur.

M. A.—Black stuff lined with crimson silk.

B. L.—Black stuff, with a lining of white silk, bordered with light blue silk.

M. L.—Black stuff, with lining of light blue silk.

(3) Successful candidates for these degrees shall be required to appear at Convocation in the proper academic costume, to have the degrees conferred upon them. Degrees will be conferred in the absence of the candidate only by special permission of the Senate.

Doctor of Laws.—Doctors of Laws shall be entitled to wear gowns of black silk and hoods of black silk lined with purple silk.

§ XXIII.—Fees.—(1.) Fees are payable by students for Registration, (entitling to the use of the Library and the Gymnasium), for classes attended, and for certain examinations. They are payable in advance.

No student is entitled to enter a class until he has paid the proper fees.

The following is a statement of the fees payable by students whether undergraduates or general students:

For Registration, payable annually by all students taking more than one class	$ 5 00
For Registration, (as above), payable by students taking only one class	3 00
For each class attended, (not being Practical Classes), per Session	6 00

For Junior or Senior Chemistry, if laboratory work is taken..	$10 00
For Practical Chemistry Class,* five hours a week, per Session	8 00
For Practical Chemistry Class,* ten or more hours a week...	14 00
For Practical Physics Class, five hours per week, per Session.	6 00
For Practical Physics Class, ten or more hours a week	12 00
For a Supplementary Examination, payable on giving the notice required by § x. (2), either $2.00 in each subject, or.....	5 00
For a Special Examination, payable on giving the notice required by § x. (3), either $5.00 in each subject, or (x. 3).	10 00
For a Special Certificate of Standing, under seal	5 00
For M. A. or M. L. Examination, or report on M. A. or M. L. Thesis, payable in advance.....	5 00
For use of Gymnasium by all male students taking more than one class	1 50

The Diploma fees are as follows :

For the B. A. or B. L. Diploma.....	5 00
For M. A. or M. L. Diploma	5 00
For B. A. or M. A. (*ad eundem gradum*)	10 00

Graduates of this University attending classes are required to pay only the Registration Fee.

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*All students taking classes in the chemical laboratory are required to make a deposit of Two Dollars on entering the class. This amount, or if charges for breakage have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of his laboratory course.

Faculty of Pure and Applied Science.

THE PRESIDENT, *(ex officio)*.

J. G. MACGREGOR, D. Sc., F. R. S.	J. LIECHTI, A . M.
M. MURPHY, D. Sc , C. E.	A. MACMECHAN, PH. D.
F. W. W. DOANE, C. E.	E. GILPIN, JR., LL. D.
R. MCCOLL, M. Can. Soc. C. E.	C. E. W. DODWELL, B. A., M. I. C. E.
A. MCKAY, ESQ.	W. C. MURRAY, M. A.
L. M. SILVER, M. B.	A. W. H. LINDSAY, B. A., M. D.
C. ARCHIBALD, M. E.	S. A. MORTON, M. A.
H W. JOHNSTON, M. Can. Soc. C.E.	W. T. KENNEDY, ESQ.
G. J. MILLER, ESQ.	E. MACKAY PH. D.
C. H. PORTER, ESQ.	A. HALLIDAY, M. D.
F. H. MASON, F. C. S.	REV. R. LAING, M. A.
H. S. POOLE, M. A., F. G. S.	W. R. ASKWITH. B: SC.

Dean of the Faculty: PROFESSOR MACGREGOR.
Registrar of the Faculty: PROFESSOR LIECHTI.

Correspondence should be addressed :—*The Dean of the Faculty of Science, Dalhousie College, Halifax, N. S.*

§ XXIV.—Courses of Instruction.

i.—MATHEMATICS.

Professor .....

Junior Class.

Daily, 11 A. M.—12 M.

As in the Faculty of Arts (see § 1 (xii), p. 30).—Undergraduates of this Faculty, taking Courses A, B, E, F, G, or H (§ xxix) will be expected both to qualify themselves by diligent study for taking, and to take, the additional work for Distinction.

Senior Class.

Daily, 10—11 A. M.

As in the Faculty of Arts (see § 1 (xii), p. 30).— Undergraduates of this Faculty taking courses A, B (if they are to enter the Special Course in Chemistry and Chemical Physics, § xxx), E, F, G, or H, are required to qualify themselves by diligent study for entering, and to enter, the Higher Division of this class. Only students who

pass a satisfactory examination in the work of the Higher Division are admitted to the Advanced Class, which is one of the third year classes in the Courses mentioned above.

Advanced Class.

As in the Faculty of Arts (see § xii), p. 30).— The work of the First Division of this class is taken up in the third year, that of the Second Division in the fourth year.

The "partial course" of study prescribed in the third year of some of the B. Sc. Courses (§ xxix) consists of a portion of the work of the First Division in Analytical Trigonometry, Analytical Geometry, and the Differential Calculus.

The "partial course" prescribed in the fourth year of such Courses, consists of a portion of the work of the Second Division in Analytical Geometry, Differential and Integral Calculus and Differential Equations.

ii.—PHYSICS.

Professor ..... J. G. MACGREGOR, D. Sc., F. R. S.

Junior Physics Class.

Mondays, 4–5 P. M.; Tuesdays and Thursdays, 11 A. M.—12 M.

As in the Faculty of Arts (see § 1 (xiv), p. 32).

Special lectures will be given in connection with this class on the elements of Hydrodynamics, for students taking Courses E, F, G, H, Such students are required to attend these lectures and to read in connection therewith the chapters on Hydraulics in Cotterill and Slade's Applied Mechanics (Macmillan & Co.) They are required also to do the work specified above for Distinction.

A supplementary course of lectures on Acoustics will be given in connection with this class for students who are candidates for the B. Mus. Degree. Such students are required to attend the ordinary lectures of the class on the properties of solid and fluid bodies and on sound, as well as the supplementary lectures, to read in connection therewith S. Taylor's Sound and Music (Macmillan & Co.), and to consult such other works as may be referred to in the lectures.

Senior Physics Class

Mondays and Wednesdays, 10—11 A. M.

As in the Faculty of Arts (see § 1 (xiv), p. 32).

Advanced Mathematical Physics Class.

As in the Faculty of Arts (see § 1 (xiv), p. 33).—The "partial course" of study in this class in the fourth year of some of the B. Sc. Courses (§ XXIX), consists of the following subjects :—

For 1900-01 : Either Thermodynamics or Electrodynamics,

For 1901-02 : Kinematics and Dynamics of a particle.

Advanced Experimental Physics Class.

As in the Faculty of Arts (see § 1 (xiv), p. 33).

Practical Physics Class.

As in the Faculty of Arts (see § 1 (xiv), p. 34).

iii.—CHEMISTRY.

(McLeod Professorship.)

Professor.....E. MACKAY. PH. D.

Junior Chemistry Class.

Mondays, Wednesdays, and Fridays, 9—10 A. M.

The lectures in this class deal in an elementary way with the principles of general chemistry. In the earlier part of the course the characteristic properties of common acids and bases are studied, and then the chemistry of fire, of water, and of air, the order of historical development being followed as nearly as possible. When some acquaintance with chemical facts has thus been gained, the fundamental laws of combination are taken up and the atomic theory and chemical formulæ are introduced Chlorine, nitrogen, carbon and some of their typical compounds are then studied; and thereafter the principal remaining elements, each in connection with the group of elements in the periodic system to which it belongs. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

Every student is required to devote at least three hours per week to laboratory work. The laboratory course is designed to make the student familiar with ordinary laboratory operations and to lead him to solve simple problems in chemistry by experiment. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed; and some time is devoted to elementary work in quantitative analysis.

Books recommended: Remsen's *Introduction to the Study of Chemistry* (Macmillan & Co.), for both class and laboratory work.

Senior Chemistry Class.

Tuesdays and Thursdays, 9—10 A. M.

The lectures in this class are for the first few weeks devoted to a fuller treatment of some portions of inorganic chemistry than is given in the Junior Class. The constitution of acids, bases and salts; the determination of atomic and molecular weights; the chemistry of the metals; and the principal reactions used in qualitative analysis are the chief topics taken up. The remainder of the year is devoted to organic chemistry. Special attention is given in this part of the course to a study of the experimental evidence upon which the constitutional formulæ of organic compounds are based.

From three to five hours weekly are devoted to laboratory work. This will include a fuller course in qualitative analysis than is given to the Junior Class, and, in addition, the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Books recommended: For class use, Roscoe and Harden's *Inorganic Chemistry for Advanced Students* (Macmillan & Co.); Remsen's *Compounds of Carbon* (Macmillan & Co.). For reference, Remsen's *Inorganic Chemistry, Advanced Course* (H. Holt & Co.).

Advanced Chemistry Class.

One hour weekly.

The subjects of study in this class are (*a*) Methods of quantitative analysis; (*b*) History of chemical theory; (*c*) Special topics in organic and inorganic chemistry in connection with the reading prescribed in the Special Course in Chemistry and Chemical Physics.

Different portions of this work are taken up in alternate years. The portion treated in 1901-02 will be Methods of Quantitative Analysis.

Practical Chemistry Class.

At least five hours weekly.

JUNIOR COURSE.—This course is intended for students taking their first laboratory work. The course will include the preparation and study of several common inorganic substances and a study of the reactions of the principal elements. Qualitative analysis and blowpipe reactions are taken up and a few simple quantitative experiments are performed. Remsen's *Introduction to the study of Chemistry* is used as a laboratory manual.

SENIOR COURSE.—This course is open to students who have taken the Junior Course or its equivalent. The first part of the year is devoted to less elementary work in qualitative analysis than that in the Junior Course, and the remainder of the year to the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Advanced Practical Chemistry Class.

The work of this class will include quantitative analysis and the preparation of inorganic and organic substances involving somewhat greater difficulty than the preparations prescribed for the Senior Class. The Analytical courses include a course in general quantitative analysis and courses in its special branches.

QUANTITATIVE ANALYSIS.—The work in this course is designed to illustrate typical methods in quantitative analysis It will include the quantitative estimation of chlorine, iodine, sulphur, nitrogen, phosphorus, silicon, carbon, hydrogen, and of the metals—silver, copper, iron, manganese, aluminium, calcium, and potassium. Volumetric methods, as well as gravimetric, are employed whenever applicable.

TECHNICAL COURSES.—Students having a sufficient training in general quantitative analysis may undertake work in one or more of the following special branches of analysis: (*a*) Assay of ores. (*b*) Analysis of foods or poisons. (*c*) Analysis of soils. (*d*) Analysis of potable waters. (*e*) Gas analysis.

Books recommended: Renouf's *Inorganic Preparations* (Johns Hopkins Press); Cohen's *Practical Organic Chemistry for Advanced Students* (Macmillan & Co.); Clowes & Coleman's *Quantitative Analysis* (T. & A. Churchill).

Students taking Practical Chemistry are admitted to that one of the preceding courses for which their previous work has fitted them. All members of practical classes are required to keep a detailed record of their experiments. The character of this record is a factor in determining the standing of a student in the class lists.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with

expensive reagents as alcohol and ether ; and they are charged with the value of apparatus they have broken or injured.

The chemical laboratory accommodates about one hundred students. A reference library is placed in the laboratory for the use of students doing analytical work.

The general laboratory is open daily, Saturdays excepted, from 10 a. m. to 1 p. m., and from 3 to 5 p. m., on Mondays and Wednesdays. The quantitative laboratory is open daily, except Saturdays, from 9 a. m, to 5 p. m.

iv.—MINERALOGY.

Lecturer ....E. MACKAY, PH. D.

Tuesdays and Thursdays, 11 A. M.—12 M.

The instruction in mineralogy is given by means of lectures and laboratory work. The lectures are upon crystallography, the physical character of minerals, and the description of mineral species, and are illustrated by a collection of crystal models and the minerals of the McCulloch Collection. In the laboratory the student at first learns the use of the blow-pipe and the chief blow-pipe reactions. Practice is then given in the determination of minerals by blow-pipe and other tests. At least three hours a week must be devoted to laboratory work.

Students who take this course must have previously taken Junior Chemistry, or an equivalent course in chemistry.

Text Books: Williams' *Elements of Crystallography* (H. Holt & Co.) ; Dana's *Minerals and How to Study Them ;* Dana's *Manual of Mineralogy* (Wiley & Son) ; Moses & Parsons' *Elements of Mineralogy* (Wiley & Son).

v.—APPLIED MECHANICS.

Lecturer .....J. G MACGREGOR, D. Sc., F. R. S.

Tuesdays and Thursdays, 10—11 A. M.

The object of this class is to study the practical application of Dynamics to the various branches of Engineering. The series of lectures will form a two years course, so arranged that students may enter the class at the beginning of either year. The subjects studied will be as follows :

In 1900-01. Résumé of the Principles of Statics : The Theory of Structures, including the equilibrium and stability of beams, frames, trusses, and girders, of chains, cords and ribs, and of abutments, arches and vaults, with straining actions due to loads ; the Strength of Materials, including the relation of stress to strain and resistance to stretching, shearing, crushing, bending, twisting, and wrenching. Graphical methods will be studied and practised. Hoskins' Elements of Statics (Macmillan & Co.) as well as Cotterill's Applied Mechanics (Macmillan & Co.) and Lanza's Applied Mechanics (J. Wiley & Son), will be used for reference.

In 1901-02. Résumé of the Principles of Dynamics. — The Mechanics of Machinery, including (*a*) Kinematics : relative velocities and accelerations ; velocity and acceleration diagrams ; link-work, wheel-teeth, belts, cams, the screw, conic mechanisms, bevel and skew gearing, parallel motions, etc. (*b*) Dynamics : equilibrium

of mechanisms, force and work diagrams, inertia of moving parts, fly-wheels, governors, friction. (*c*) Energetics: production, transmission, and measurement of power, prime movers.—Kennedy's Mechanics of Machinery (Macmillan & Co.) will be frequently referred to, being supplemented by reference to other works, such as Cotterill's Applied Mechanics (Macmillan & Co.).

Students will be expected to acquire considerable power of solving problems, and to read privately, specified portions of books of reference on subjects not fully discussed in class.

vi.—DESCRIPTIVE GEOMETRY.

Lecturer ..... S. A. MORTON, M. A.

This course of lectures will include the following subjects: Plane Geometry: construction of scales, construction and areas of plane figures, properties and construction of curves; Solid Geometry: problems on the straight line and plane, projection of lines, planes and solids, simple intersections of planes and solids, easy examples of projection of shadows.

Books recommended: Angel's Practical Plane Geometry and Projection, Millar's Descriptive Geometry, Spanton's Science and Art Drawing.

vii.—DRAWING.

The following classes of the Victoria School of Art and Design are recognized as qualifying for a degree:

The classes in the subjects of Free-hand Drawing, Geometrical Drawing, Shaded Drawing from the Round, Modelling in Clay, Principles and Practice of Decorative Design, and Elements of Perspective. This course of instruction extends over three years, and is the one to be taken by students preparing for Science Teacherships in Schools.

The classes in Mechanical Drawing, including Practical Geometry, Descriptive Geometry, Projection of Lines, Planes and Solids, Sections by Planes, Developments, Penetrations, Curved Surfaces and Surfaces of Revolution, Preparation of Working Drawings of Machines to scale. This course of instruction extends over three years, and is the one to be taken by Engineering Students.

The class in Building Construction and Architecture may be taken by Civil Engineering Students instead of the third year of the Mechanical Drawing Class,

Information as to fees, etc., may be obtained on application to Mr. Alex. McKay, Secretary of Victoria School of Art and Design, Halifax.

viii.—CIVIL ENGINEERING. *

Lecturer .....M. MURPHY, D. Sc., C. E.

Once a fortnight.

The subjects treated will be:—Materials and Constructions: Earth-work; Masonry; Carpentry; Structures of Timber, Stone

* If there should not be a sufficient number of students to form a class in this subject the lectures will not be given, but the student will pursue a course of reading under the supervision of the lecturer.

and Iron; the Construction of Common roads; Railways; Bridges; Water Supply for Towns; and Reclamation of land from the sea.

Such works as are named above are generally in operation in Nova Scotia, under the supervision of the Provincial Engineer, and advanced students in the Engineering class will be afforded an opportunity of examining them under construction.

IX.—SURVEYING.

Lecturers ..... { R. McCOLL, M. Can. Soc. C. E. / H. W. JOHNSTON, M. Can. Soc. C. E.

Junior Class.

Once a week.

The subjects treated will be Chain and Angular Surveying; use and adjustment of Compass, Sextant, Level (Dumpy, Wye, &c.), Transit, Theodolite, Aneroid Barometer; Plotting; Topography and Contouring.

Practical operations will be carried on in the field, and will include (1) Survey with Compass and Chain, (2) Triangulation with Sextant, (3) Road traverse with Compass, Sextant and Chain, (4) Road traverse with Transit and Chain, (5) Contour Survey, (6) Survey with Transit and Level, (7) Cross-sectioning with Level, (8) Cross-sectioning with hand level and levelling rods.

Senior Class.

Once a week.

Preliminary Survey, Location of a Railway, Laying out Work, Calculating and Estimating Quantities, Hydrographic Surveying, Mining Surveying.

Students will be expected to keep complete notes, and to prepare all drawings required from them.

X.—MINING AND METALLURGY.*

Lecturers ..... { E. GILPIN, JR., A. M., LL. D. / C. ARCHIBALD, M. E. / F. H. MASON, F. C. S. / W. R. ASKWITH, B. Sc.

Courses of lectures will be given on the following subjects:

MINING.

Geology in relation to Mining, Occurrence of Veins and Beds, Prospecting, and Preliminary Operations.

Shaft and Slope Sinking, Mining Operations, Ventilation, Valuation of Properties.

Pumping, Hoisting, Mining Appliances, Cleaning of Ores and Coal.

Stamping of ores and tailings; Amalgamation of gold in the stamp mill and in other forms of crushing machinery; Concentrating

* If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturers.

machinery: The treatment of refractory ores, concentrates and tailings by wet methods; Melting and refining.

METALLURGY.

Physical properties of metals; Alloys; Thermal treatment of metals; Effects of traces of one metal or metalloid on masses of another; Furnaces and material used in their construction; Fuel, its calorific power and intensity; Manufacture of coke, charcoal, coal and producer gas; Metallurgy of iron; The blast furnace; Conversion of cast iron into malleable iron, wrought iron and steel; Furnace charges; Slags; Metallurgy of gold; The stamp mill; The Huntington mill; The Frue vannex; The Wilfley table; The chlorination process; The Cyanide process; Melting and refining.

Books of reference: Smith's *Coal Mining;* Andre's *Treatise on Coal Mining;* Chance's *Coal Mining, Pennsylvania;* Dana's *Metalliferous Mines;* Merrivale's *Notes and Formulæ;* Geikie's *Outlines of Field Geology;* Ihlseng's *Manual of Mining. Text-book of Metallurgy,* by Carl Schnabel, translated by H. Louis; *Elements of Metallurgy,* by Philips & Bauerman; *Metallurgy of Gold,* by Kirke Rose; *Hand-book of Gold Milling,* by Henry Louis; *Stamp Milling of Gold Ores,* by J. A. Rickard; *The Cyanide Process for Gold Extraction,* by Eissler; *Ore and Stone Mining,* by C. LeNeve Foster; Roberts-Austen's *Introduction to the Study of Metallurgy;* Turner's *The Metallurgy of Iron,* Chas. Grifflin & Co.

xi.—HYDRAULIC ENGINEERING.*

Lecturer.....C. E. W. DOLDWELL, B. A., M. I. C. E.

Once a fortnight.

The subjects treated will be as follows:

Flow of water through orifices and short tubes, and in pipes and open channels.

Water supply to cities and towns; Quantity and quality necessary; Rainfall, watershed, springs, wells, lakes and rivers; Storage of water in natural and artificial reservoirs; Measuring weirs and stream guaging; Filtration and other methods of treating impure waters; Construction of dams of stone, earth and timber; Details of construction of a town supply; Mains and distribution pipes, thickness, weight, strength, methods of moulding, preserving and laying: Valves, hydrants, etc.; Pumping engines.

Turbines and water-wheels.

River improvements.

xii.—MUNICIPAL ENGINEERING.

Lecturer.....F. W. W. DOANE, C. E.

Once a fortnight.

The subjects treated will be:—Streets,—laying out, opening, formation, sidewalks, paving, cleaning, sprinkling, street railways, obstructions, etc.; works of sewerage (separate and combined)—grades, materials, foundations, sectional form, course, ventilation, flushing, subsoil, drainage, intercepting sewers, tidal sewers, sewage disposal, etc.; house draining and plumbing, roof water disposal, cesspits, disposal of garbage, etc.; water supply, plumbing—service pipes, stopcocks, effect and prevention of waste, etc.

* If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturer.

xiii.—BOTANY.

Lecturer .....

Two hours a week.

The course in Botany will have special reference to the following subjects: Protoplasm and Plant-cells, the Tissue and Tissue Systems of Plants, Morphology of the Plant-body, Plant Physiology, the Principles of Classification and the Laws of Distribution, the Protophyta (Schizophyceæ), the Phycophyta (Chlorophyceæ and Phæophyceæ), the Carpophyta (Rhodophyceæ, Ascomyceteæ and Basidiomyceteæ specially), the Bryophyta (Mosses and Liverworts), the Pteridophyta (Ferns, Horse-tails and Club-mosses), the Anthophyta (specially the Coniferæ, Gramineæ, Orchidaceæ, Liliaceæ, Uticaceæ, Labiatæ, Compositæ, Umbelliferæ, Rosaceæ, Leguminosæ, Cruciferæ, Ranunculaceæ). The Morphology and life history (the Anatomy, Histology and development) of at least two common or representative species of each group of plants above named, in minute detail.

General attention will be given to the native *flora* of the Province, with special notice of foreign as well as native species of interest from economic, medicinal or injurious properties.

The preliminary study of Botany as indicated in Grade IX of the Public School Course, and especially the formation of a local collection of plants, even if unnamed and unclassified, will be an advantage to any student entering upon the course.

Practical instruction will be given in the collecting, drying and mounting of specimens, the use of the microscope, the preparing of microscopic sections, and the general dissection of plants. The use in class of a number of microscopes will be granted the students under the care and direction of the lecturer; but a hand lens, glass slides, cover glasses, scalpels and other apparatus or books necessary to each student, should be supplied by each for himself. Collections, notes, class-work and drawings of students will be estimated for incorporation into final class standing.

Students of the C or D Course are required in addition, during the summer vacation, to engage in practical botanical work, and to present, on entering their second year, either a report upon microscopical work in some special department during the summer, or a collection of specimens of native plants of the district of their residence, properly prepared and named, accompanied by a systematic catalogue.

xiv.—ZOOLOGY.

Lecturer.....A. HALLIDAY, M. D.

Two hours a week.

The work of this class will consist of a course of lectures supplemented by practical work.

The following subjects will be treated in the lectures:—Organic and Inorganic bodies: Life, Vital Action, etc.; Differences between plants and animals, Morphology. Physiology. Differences between Animals, Specialisation of Function, Morphological Type, Von Baer's Law of Development, Origin of Species, Homology, Analogy,

Reproduction, Distribution in Time and Space, Evolution, Classification. Also the general characters of the several sub-kingdoms will be treated of as fully as possible.

The practical part of the course will consist of dissections by students themselves, and demonstrations, microscopic, etc.

The object of the class will be to give such a comprehensive idea of the Animal Kingdom, as will form a good basis for further prosecution of the study of Biology or Comparative Anatomy and Physiology.

Text-Book: The text-book will be announced at the beginning of the session. *Books of Reference:* Anatomy of Vertebrates and Invertebrates, Huxley, 2 vols.; Text-book of Zoology, Claus & Sedgwick, 2 vols.; also Parker & Haswell's text-book, 2 vols.

XV.—GEOLOGY.

Lecturer.....H. S. POOLE, M. A., F. G. S.

Two hours a week.

Dynamical Geology; Constitution of the Interior of the Earth; Volcanoes and Earthquakes; Sub-Aerial Agencies; Reconstructive Processes.

Structural Geology: Igneous and Sedimentary Rocks; Dislocations; Veins; Metamorphism.

Historical Geology; The various formations, with distinctive Palæontology.

Scott's *Introduction to Geology*, (Macmillan) will be used as Text-book. For wider reading students will be referred to publications in the Science Library.

XVI.—PHYSIOLOGY.

The University provides no instruction in this subject, but the class conducted in the Halifax Medical College by Professor L. M. Silver, M. B., is recognised as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, at 11—12 A. M. The fee for the course is $15.00.

Undergraduates who have taken this class as part of their course are required either to present a certificate of having passed the examination of the Faculty of Medicine or to pass an examination conducted by the Examiner of this Faculty. In the latter case a fee of $3.00 is to be paid to the Examiner.

XVII.—HISTOLOGY.

The University provides no instruction in this subject, but the class conducted by Professor G. M. Campbell, B. A., M. D., and H. D. Weaver, M. D., in the Halifax Medical College, is recognised as qualifying for a degree. The class meets on Mondays, Wednesdays and Fridays, at 10—11 A. M. The fee for the course is $15.00.

The regulations as to examinations are the same as in the case of Physiology, the fee payable being $3.00.

xviii.—ANATOMY.

The University provides no instruction in this subject, but the Junior or the Senior Anatomy Class and the Practical Anatomy Class, conducted in the Halifax Medical College by Professor A. W. H. Lindsay, M. D., are recognized as qualifying for a degree. The Junior Anatomy Class meets on Mondays, Wednesdays and Fridays at 11—12 A. M. The Senior Class meets on Tuesdays, Thursdays and Saturdays, at 11—12 A. M. The fee for each of these classes is $15.00. The Practical Anatomy Class meets daily (Saturdays excepted), at 3.30—5.30 P. M.; fee, $15.00.

Undergraduates who have taken the Practical Anatomy Class as part of their course are required to produce evidence of having, during their attendance on such class, carefully dissected at least three "parts" of the body.

Undergraduates who have taken the above classes as parts of their course are required either to present certificates of having passed the examinations conducted by the Faculty of Medicine, or to pass before the Examiner of this Faculty a written examination in the subjects of the Junior or Senior Anatomy Class, and an oral or practical examination on such "parts" of the body as they may have dissected. In the latter case an examination fee of $3.00 is payable, which covers both written and oral examination.

xix.—MENTAL SCIENCE.

Professor ... . WALTER C. MURRAY, M. A.

The class in Mental Science is that known in the Arts Faculty as Junior Philosophy § 1 (ix), p. 27.)

The aim of the course in Logic is chiefly disciplinary. In the Psychological course experiments will be introduced as much as possible, not merely for purposes of illustration but also to supply data for inductions of psychological laws. Special attention will be given to the relation of Psychology to Educational methods.

Text-Books: Mill: *Logic;* Creighton: *Introductory Logic;* Titchener: *Primer of Psychology,* James: *Psychology* (Briefer Course). Recommended for students in Education: Sully: *Teacher's Handbook of Psychology;* Morgan: *Psychology for Teachers;* James: *Talks on Psychology.*

xx.—EDUCATION.

*** Science of Education.**

Lecturer ..... PROF. W. C. MURRAY, M. A.

Two hours a week.

This Class consists of two courses of lectures. In one course the development of Educational Theory in England from Ascham to Thring will be traced. Concurrently with this, the principal questions of Educational Science will be discussed with special reference to Herbart's *Science of Education* and Laurie's *Institutes of Education.*

Books recommended: Ascham: *The Schoolmaster;* Milton: *Tractate on Education;* Locke: *Thoughts on Education;* Spencer: *Education;* Mill: *Inaugural at St. Andrews;* Thring: *Theory and Practice of Teach-*

* [This class will not be given in 1901-02 unless five or more students desire it.]

ing; Farrar: *Essays on Liberal Education;* Masson: *Life of Milton. Vols. I, III;* Quick: *Educational Reformers;* Parkin: *Life of Thring;* Mark: *Educational Theories in England;* Huxley: *Science and Education;* Fitch: *Educational Aims and Methods;* Herbart: *Science of Education;* Laurie: *Institutes of Education;* James: *Talks on Psychology to Teachers;* Adams: *Herbartian Psychology;* Fitch: *Lectures on Teaching;* Reports of Committees on Secondary and Primary Education (Bureau of Education, U. S. A.); Hanus; *Educational Aims and Values.*

History of Education and Practice.

This Class consists of three parts. Principal Miller will lecture on the History of Education; Principal Kennedy on School Management; and Supervisor A. McKay will conduct the course in the Practice of Teaching.

(1) HISTORY OF EDUCATION.

Lecturer..... PRINCIPAL G. J. MILLER.

One hour a week.

[This course will be given every other session.]

The course consists of lectures and recitations on: The History of Education in different ages and countries; Comparison of Education Systems; Theories of Writers on Education; Eminent Educators.

Books recommended: Williams: *History of Modern Education;* Quick: *Educational Reformers:* Browning: *Educational Theories;* Painter: *History of Education.*

(2) SCHOOL MANAGEMENT.

Lecturer.....PRINCIPAL W. T. KENNEDY.

[This course will be given when the Course in History is given.]

Six or eight lectures will be given on the principles of School Management and the School Law of Nova Scotia.

Useful Books: Fitch's *Lectures on Teaching;* McMurray's *General Method;* Baldwin's *School Management;* School Law of Nova Scotia, 1892.

(3) PRACTICE OF TEACHING.

Lecturer.....ALEXANDER MCKAY.

The work of this course will consist of Observation of the practice of successful Teachers, Practice in Teaching, and Discussions conducted by Supervisor McKay on points raised in the course of the observation and practical experience of the class.

Members of the class who pass satisfactory examinations on the snbjects studied, and are favorably reported upon by Mr. McKay, the supervisor of their practical work, will be granted certificates showing the standard of excellence attained and the time spent in practice.

Students who take this class as part of Course C for the degree of B. Sc. (§ XXIX) will be required to spend 150 hours in practical work (including actual teaching and observation of teaching) under supervision approved by the Faculty. Those who take the class as part of the Course for the Diploma of Literate in Education (§ XXXV) will be required to spend 300 hours in practical work.

XXI.—THEORY AND HISTORY OF MUSIC.

The classes in the Theory of Music, conducted in the Halifax Conservatory of Music by ————————, Director, and other members of the staff, and those in the History of Music, conducted by Rev. R. Laing, M. A., are recogntzed as qualifying for the degree of Bachelor of Music. In the Theory, the course extends over three years ; in the History over two. Information as to details of subjects studied in the classes, fees, text books, &c., may be obtained on application to the Director of the Conservatory.

XXII.—ENGLISH.

Professor.....ARCHIBALD MACMECHAN, PH D.

As in the Arts Faculty (§ I,(v), p. 23).

XXIII.—FRENCH AND GERMAN.

Professor.....J. LIECHTI, M. A.

As in the Arts Faculty (§ I (iv), p. 20).

§ **XXV.—The Academic Year** consists of one Session. The Session of 1901-02 will begin on the 10th September, 1901, and the end on the 29th April, 1902.

§ **XXVI.—Admission of Students.**—The regulations for the admission of students to the classes of this Faculty are the same as in the Faculty of Arts (§ III, p. 38).

§ **XXVII.—Degrees.**—(1.) Three baccalaureate degrees are conferred in the Faculty of Science, viz., Bachelor of Science (B. Sc.), Bachelor of Engineering (B. E.), and Bachelor of Music (B. Mus.) The degree of B. E. (§ XLI) is conferred only on persons who have already obtained the degree of B. Sc. Candidates for the B. Sc. and B. Mus. degrees must attend with regularity the classes of their courses of study as prescribed in §§ XXIX and XXXV, perform the exercises required, and appear at the examinations held, in connection with such classes, and secure a position on the Pass Lists in all subjects. The courses of study for B. Sc. extend over four years, that for B. Mus. over three years ; but in the case of students who enter at advanced stages, they may be completed in a shorter time.

(2.) Persons may become candidates for degrees by passing the Junior or Senior Matriculation Examination. Those who pass the Senior Matriculation Examination are exempted from attending the classes recommended in §§ XXIX and XXXV to be taken in the first year of attendance, and may complete the B. Sc. course in three, and the B. Mus. course in two, years, respectively. In general, the Matriculation examination is to

be passed by a student before he enters upon a course of study leading to a degree.

(3.) General students who have attended some of the classes in any course of study and passed in the subjects of them, may become candidates for a degree in such course by passing one of the Matriculation Examinations, in which case the classes previously attended will be recognized as qualifying for a degree. But in those subjects of the Matriculation Examination in which they have previously attended classes, such students will be expected to show a higher proficiency than if they had passed the examination at the beginning of their course.

(4.) Undergraduates who have completed a portion of their Science or Music Courses either in this University or in other approved Colleges or Schools, will be admitted to such advanced standing in the courses leading to the above degrees as the subjects which they have studied may seem to warrant, and arrangements will be made to enable them to complete the courses in as short a time as possible.

§ XXVIII.—Matriculation Examinations.—(1.) The Junior Matriculation Examination by which a student may gain entrance to the first year of the science or music courses in this Faculty, is the same as that prescribed for candidates for entrance into the first year of the B. L. Course in the Faculty of Arts The regulations as to distinction, exemptions, dates, &c., are the same as in the case of the Junior Matriculation Examination of the Faculty of Arts. (See § v., p. 39.)

(2.) The subjects of the Senior Matriculation Examination by which a student may gain entrance to the second year of the various courses in this Faculty, are the subjects of the Junior Matriculation Examination and of the first year of the course on which he wishes to enter (§§ XXIX and XXXV.) The regulations as to exemptions, dates, &c., are the same as in the case of the Senior Matriculation Examination of the Faculty of Arts. (See § VI, p. 41).

(3.) The regulations of §§ V and VI with respect to Scholarships are applicable in the case of students entering the B. Sc. Courses, but not to those entering the B. Mus. Course.

§ XXIX.—Courses of Study for Degree of B. Sc.—Eight Courses of Study are provided, which lead to the degree of B. Sc. They are as follows :—

Course A has Mathematics and Physics as main subjects, and is suited to the requirements of students who wish to prepare themselves for higher teaching positions in these departments, or to obtain a thorough groundwork for a subsequent course in Engineering.

Course B has Experimental Physics and Chemistry as main subjects, and is intended to enable students to prepare themselves for higher teaching positions in these departments, or for engaging in chemical industries.

Course C includes a study of various sciences, of English and other Modern Languages, of Drawing, and of Education, and is designed to prepare students to discharge the duties of Science Teachers in High Schools.

Course D has as main subjects Chemistry and Biology, and is especially suitable for students who intend to enter upon the study of Medicine. It includes a sufficient number of the scientific subjects of the medical curriculum to enable the student to shorten his subsequent medical course by one year. Students taking this course should matriculate in the Faculty of Medicine at as early a stage as possible. Classes taken in this course which are common to it and the M. D. C. M. course, are recognized as qualifying for that degree, provided the student has already matriculated in Medicine, and follows in other respects the regulations of the Faculty of Medicine.

Courses E, F, G, H, though not technical courses, are intended for students who aim at becoming Civil, Mechanical, Mining or Electrical Engineers respectively. Their main subjects are Mathematics, Physics (including Dynamics), Applied Mathematics, and Drawing, and they include also courses of lectures on the practice of different departments of Engineering, offered by leading engineers of the City of Halifax. Course H includes the foundation of pure science, and the earlier stages of the practical study of electricity, which are necessary for the electrical engineer.

The following is a statement of the classes which must be attended in the above courses. Details as to the subjects studied in these classes will be found under Courses of Instruction (§ XXIV.) Classes to which the letters A, B, &c., are attached, are to be taken in the Courses indicated above by the same letters. Those to which no letters are attached, are common to all the Courses.

First Year.

(1.) Junior Mathematics.
(2.) Junior Chemistry.
(3.) For A, B, E, F, G, H, Drawing. For C, D, Botany.
(4.) First English.
(5.) French.
(6.) German.

Undergraduates in Courses C and D are required to present on entering their Second Year, either a report upon microscopical work in some special department conducted during the summer, or a

collection of specimens of native plants of the district of their residence, properly prepared and named, accompanied by a systematic catalogue.

Second Year.

(1.) Senior Mathematics.*

(2.) Junior Physics.*

(3.) For A, B, C, G, H, Senior Chemistry. For D, Senior Medical Chemistry. For E, F, Practical Chemistry.

(4.) Drawing.

(5.) Second English.

(6.) For B, D, French or German. For A, C, E, F, G, H, Descriptive Geometry.

Third Year.

For A.—Advanced Mathematics; Senior Physics; Mental Science; French or German.

For B.—Senior Physics; Advanced Practical Chemistry; Mineralogy; Practical Physics; French or German.

For C.—Practical Physics; Advanced Practical Chemistry; Mental Science; French or German; Drawing; Science of Education; Zoology; Geology (in third or fourth year).

For D.—Practical Physics; Advanced Practical Chemistry; Mental Science; French; German; Zoology.

For E.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Drawing; Surveying; French or German; Geology.

For F.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Drawing; Surveying; French or German.

For G.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Mineralogy; Drawing; Surveying; Advanced Practical Chemistry; Geology.

For H.—Advanced Mathematics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of Machinery) or Drawing; Advanced Practical Chemistry.

Fourth Year.

For A.—Advanced Mathematics; Senior Physics; Advanced Mathematical Physics; French or German or Practical Physics.

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* Undergraduates taking Courses A, E, F, G, H, and those taking B, if they are to enter the Special Course in Chemistry and Chemical Physics, must give special attention to Mathematics in the second year. Unless they pass a satisfactory examination in this subject, including the additional work for Distinction, they are not allowed to enter the Advanced Mathematics Class in the third year. Undergraduates taking the above courses are required also to take the additional work for Distinction in the Junior Physics Class.

For B.—Senior Physics; Practical Physics; Advanced Practical Chemistry; French; German.

For C.—Advanced Practical Chemistry or Practical Physics; Mineralogy; Physiology or Senior Physics; Drawing; French or German; History and Practice of Education.

For D.—Advanced Practical Chemistry; Physiology; Anatomy; Practical Anatomy; Histology; French or German. (An undergraduate taking Course D, who wishes his fourth year to qualify for a medical degree, must previously to his entering upon it, have satisfied the requirements of the Medical Faculty with regard to Matriculation, and must also satisfy its requirements in all other respects.—See Faculty of Medicine.

For E.—Advanced Mathematics (partial course); Senior Physics; Advanced Mathematical Physics (partial course) or Practical Physics; Applied Mechanics; Mineralogy; Surveying; Civil Engineering; Hydraulic Engineering; Municipal Engineering.

For F.—Advanced Mathematics (partial course); Senior Physics; Advanced Mathematical Physics (partial course); Practical Physics; Applied Mechanics; Civil Engineering; Hydraulic Engineering.

For G.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Assaying; Mining and Metallurgy; Surveying; Civil Engineering; Hydraulic Engineering.

For H.—Advanced Mathematics; Advanced Mathematical Physics (partial course); Senior Physics; Practical Physics; Drawing or Applied Mechanics, (Mechanics of Machinery); Municipal Engineering.

§ XXX.—Special Courses for Degree of B. Sc.—(1.) An undergraduate shall be allowed during the third and fourth years of his B. Sc. course, to restrict his attention to a more limited range of subjects than that of most of the above ordinary courses, provided his standing at the examinations of the first and second years, especially in the subjects corresponding to the Special Course on which he proposes to enter, seems to the Faculty to warrant such restriction.

Special Courses are provided in the following departments: (*a*) Pure and Applied Mathematics; (*b*) Mathematics and Physics; and (*c*) Chemistry and Chemical Physics.

An undergraduate taking a special course in any of these departments shall be required to attend the Advanced Classes provided in the subjects of such department (see § XXIV.), to make progress satisfactory to the Professors who conduct such

classes, and to pass at the end of the fourth year, an examination in the subjects of such department; and he shall in some cases be allowed to omit from the ordinary course he is pursuing, certain subjects specified below.

(2.) The Special Course in **Pure and Applied Mathematics** is open to undergraduates taking the ordinary courses A, E, F, G, and H. Those taking course A may substitute Practical Physics for Mental Science in the Third Year. Those taking courses E, F, G, and H, must take the complete courses in Advanced Mathematics and Advanced Mathematical Physics. In course E, any two of Senior Physics (Heat and Electricity), Applied Mechanics (Mechanics of Machinery) and Mineralogy, may be omitted. In course F, Assaying and Applied Mechanics (Theory of Structures) may be omitted. In course G, Applied Mechanics (Theory of Structures) and Civil Engineering may be omitted. In course H one subject to be approved by the Dean may be omitted in the Fourth Year.

The subjects of examination and other regulations are the same as in the corresponding course in the Faculty of Arts (see § viii (11) p. 51.

(3.) The Special Course in **Mathematics and Physics** is open to undergraduates taking the ordinary course A. They are recommended to take German in the second as well as the first year. They are required, if they wish to complete the course in two years, to take, in their third year, Advanced Mathematics, Senior Physics, Practical Physics, Advanced Practical Chemistry, and (if not taken in the second year) German; and in their fourth year Advanced Mathematics, Advanced Mathematical Physics, Advanced Experimental Physics, Senior Physics and Practical Physics. They are advised, however, to take three years rather than two to complete the course.

They will be required in the course of their laboratory work in Physics and Chemistry to prove their ability to make accurate determinations of physical constants, to conduct investigations of physical laws, and to carry out qualitative and quantitative analyses (both gravimetric and volumetric) of inorganic bodies.

Those who aim at High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to exhibit a high standard of excellence in the more mathematical parts of the course.

The subjects of the examination and other regulations will be the same as in the corresponding Special Course of the Faculty of Arts (§ viii (12) p. 51.

(4) The special course in Chemistry and Chemical Physics is open to undergraduates taking the ordinary course B. They are recommended strongly to select German as one of the sub-

jects of their second year. They are required in their third year to take the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course), Junior Physics (with work in the laboratory), Senior Physics and German; and in the fourth year, the following classes:—Advanced Practical Chemistry, Advanced Mathematics (partial course), Advanced Experimental Physics, Senior Physics and Practical Physics.

The subjects of examination and other requirements will be the same as in the corresponding special course of the Faculty of Arts (§ VIII (13) p. 53).

§ XXXI.—The Degree of B. Sc. with Honours in departments in which special courses are provided in this Faculty, will be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ XI, p. 56).

§ XXXII.—The Degree of B. Sc. with Distinction will be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ XII, p. 56).

§ XXXIII.—Medals, Prizes, and Matriculation Scholarships.—The Sir William Young Gold Medal, the University Medals, the Avery Prize, and the Sir William Young and Professors' Scholarships and Mackenzie Bursary (awarded at matriculation) are open for competition to undergraduates of, or candidates for matriculation in, the B. Sc. courses of this Faculty. See §§ V, XV, pp. 39, 58.

§ XXXIV.—1851 Exhibition Science Research Scholarship.—Her Majesty's Commissioners for the Exhibition of 1851 have, for some years, offered Scholarships in certain universities of the United Kingdom and the Colonies, with the intention of enabling students of science who have indicated high promise of capacity for original research, to continue the prosecution of science with the view of aiding in its advance or in its industrial applications. In 1894, 1896, 1898 and 1900 they placed the nomination to one of these Scholarships at the disposal of this University, and it is expected that a similar nomination will be placed at the disposal of the University for the year 1902.

These Scholarships are of the annual value of one hundred and fifty pounds sterling, are tenable for two years, subject to the fulfilment of certain conditions mentioned below, or, by special resolution of the Commissioners, for three years, and are open to women as well as men.

The following were the conditions of nomination in 1900 :

(*a*) The nominee must be a British subject.

(*b*) He (or she) must, at the date of the nomination, have been for a term of three years a *bona fide* Student of Science in a University or College (or in Universities or Colleges), in which special attention is given to a scientific study,—a graduate who has continued his studies at a College after graduation being regarded as a student.

(*c*) He must have been a student of Dalhousie College either during the academic year at the end of which the nomination is made, or during the previous year; but in the event of his having ceased to be a student of Dalhousie College at the end of the previous year, he must have been engaged during the year of nomination solely in scientific study.

(*d*) He must have indicated high promise of capacity for advancing Science or its applications by original research. Evidence of capacity for original research in Science is strictly required, this being one of the main qualifications for a scholarship; and the nominee will be selected from the students qualified for nomination mainly on the ground of superiority in this respect, though the general proficiency attained in the study of Science, special knowledge of departments of Science closely related to that to which the candidate intends to devote himself, and knowledge of such subjects as French and German, which are useful in the prosecution of research, will also be taken into account.

(*e*) There is no absolute restriction as to age; but a nominee whose age exceeds 30 will only be accepted by the Commissioners under very special circumstances.

The nomination which is to be made by this University to the Commissioners in London, will be referred by them to a committee of eminent scientific men, who will advise them upon it; and the nomination will take effect on its being confirmed by the Commissioners.

The scholarship may be held at any University in the United Kingdom or abroad, or in any other institution to be approved by the Commissioners, the only restriction being that the institution selected shall be properly equipped for the prosecution of Science. But a scholar will be required, in the absence of special circumstances, to proceed to an institution other than that by which he is nominated.

The scholar, during his tenure of the Scholarship, must devote himself wholly to study and research, more especially in some branch of Science, such as Physics, Mechanics, or Chemistry, the extension of which is especially important to our national industries; and he is not allowed during such tenure to hold any position of emolument.

The continuance of the Scholarship for the second year is dependent on the work done in the first year being satisfactory to the Scientific Committee appointed by the Commissioners.

Only one-fourth, at most, of the Scholarships granted in any one year, are renewed for a third year, the renewals being awarded to the most deserving of the candidates.

The conditions for the exceptional renewal of Scholarships for a third year are as follows :—

(1) The scholar shall have published in the Proceedings of some Scientific Society, or in some Scientific Journal, an account, approved by the Scholarships Committee, of an adequate research.

(2) The scholar shall satisfy the Committee :—

That a continuance of the Scholarship for a third year is likely to result in work of scientific importance.

That such work is not likely to recompense the scholar pecuniarily.

That the scholar is not in a position to continue the work without the help of the Scholarship.

That the scholar intends, after the expiration of the Scholarship, to adopt a pursuit in which his studies during his tenure of the Scholarship, will find useful practical application.

(3) The scholar shall undertake to make a detailed report to the Commissioners, of his work during the third year.

(4) The conditions on which the Scholarship was orginally granted shall apply in all respects to its continuance during the third year.

The scholarship is payable half-yearly in advance (through the Treasurer of this University, if the scholar study in America); but £25 will be reserved from the last payment until the scholar has made a satisfactory final report.

The candidate nominated is required by the Commissioners to sign the following declaration :

I, the undersigned, hereby declare that the particulars concerning me mentioned in the foregoing form are correct, and I undertake that, if a Science Research Scholarship is awarded to me, I will hold it subject to the conditions laid down by Her Majesty's Commissioners for the Exhibition of 1851 with reference thereto, and I will, during its continuance, wholly devote myself to the objects of the Scholarship, and I will not during such continuance hold any position of emolument.

In cases in which the candidate nominated for a scholarship appears to H. M. Commissioners to have had insufficient opportunity of showing whether or not he has the power to carry on independent research, and not therefore to be immediately qualified for a scholarship, but to give promise of becoming so after a year's experience of research work, said candidate also not being in a position to continue his studies without assistance, H. M. Commissioners *may* award him a Probationary Bursary. The following are the regulations under which such Bursaries are tenable :—

1. A Bursary is intended for the maintenance for one year of a Student who proposes to become a Science Research Scholar under the scheme of the Commissioners at the expiration of the period covered by the Bursary, in order to afford him an opportunity of proving his power to carry on independant research. The authorities of an institution recommending a Student for a Bursary will be presumed to have satisfied themselves that he *bonâ fide* intends to accept a Scholarship if subsequently appointed to one.

2. An applicant for a Bursary must, except as to evidence of capacity for original research, fulfil all the conditions for the time being laid down for appointment to a Science Research Scholarship. He must have passed a B. Sc. examination (or its equivalent) with Honours before the commencement of the period covered by the

Bursary. His age must not exceed 25, except under very special circumstances.

3. A Bursary is tenable for one year, and is of the value of £70, payable by half-yearly instalments in advance, the second instalment being payable on receipt of a certificate from the Professor under whom the holder has been working that he has faithfully performed his duties.

4. A Bursary will be awarded on condition that the nominating institution undertakes to provide for the holder facilities for conducting research, and the requisite supervision, free from charge and incidental expenses.

5 The holder of a Bursary shall devote himself exclusively to research, and work preparatory to research, and none of his time shall be spent in assisting a teacher in his duties The holder of a Bursary must not hold any other Bursary, Scholarship, or position of emolument.

6. The holder of a Bursary shall on or before May 1st in the year of tenure send to the office of the Commissioners an account of the research work performed by him, together with an application for appointment to a Science Research Scholarship. The Commissioners will expect to receive from the Professor under whom the holder of the Bursary shall have worked, a confidential opinion as to his capacity and qualifications.

7. The Commissioners may either appoint the holder of a Bursary to a Science Research Scholarship, or at their absolute discretion decline to appoint him, and in the latter case, shall not be called upon to state any ground for their decision.

8. A Science Research Scholarship, if granted, shall be held on the usual conditions attached to the Scholarships, or on any special conditions which the Commissioners may impose. But a Scholar who previously to appointment has held a Bursary shall not be eligible for exceptional renewal of his Scholarship for a third year.

Students who desire to become candidates for nomination to the above Scholarship must make application to the President of the University on or before the 1st day of February, 1902. In making such application they must furnish a statement of the following particulars :—

(*a*) Name and address.

(*b*) Age and birth-place.

(*c*) Institution or institutions in which candidate's term of study has been passed.

(*d*) Specific statement of qualifications of candidate, including particulars of his College career, and of original research in which he has been engaged.

(*e*) Name of Institution to which candidate proposes to attach himself during tenure of Scholarship.

(*f*) Statement of the particular scientific work, specifying the branch of a science, to which the candidate proposes more especially to devote himself.

(*g*) Statement as to whether or not the candidate will be prepared to accept a Probationary Bursary in the event of the Commissioners being unable to award a full Scholarship on the evidence submitted, and in the event of his being so prepared, a further statement as to his being unable to continue his studies without assistance.

As this University is required to cer'ify the correctness of the above statement in the case of the candidate nominated, the statement must be accompanied by satisfactory evidence as to all particulars which are not in the University records. Thus age, attendance at other Universities or Colleges, and accounts of original researches conducted elsewhere, must be properly attested.

§ XXXV.—Course of Study for Degree of B. Mus. —The Course of Study includes, besides English and Acoustics, the following subjects :—Harmony, Counterpoint, Canon and Fugue, Form, and History of Music, for two years in each case, Instrumentation and Analysis of Scores, for one year.

Candidates are required besides attending the courses of instruction in the above subjects (§ XXIV.). performing the required class exercises and passing the examinations, to compose, themselves, the exercises specified below, and to give evidence of their ability as musical performers by playing before one or more of the Examiners, on the Piano-Forte or Organ (pipe), the pieces of music mentioned below.

(2) The classes in the above subjects need not be taken in any one definite order and may be extended over more than three years, but students are recommended to take them in the following order :—

FIRST YEAR.—(1) Harmony in not more than four parts ; (2) History of Music from 1600 to 1750 ; (3) Acoustics in so far as connected with the Theory of Music ; (4) English.

SECOND YEAR —(1) Harmony in not more than five parts ; (2) Simple Counterpoint in two or three parts ; (3) Canon in two parts, Imitation and Fugue in not more than three parts ; (4) Form : Elementary Forms, Phrases, Periods, Open and Closed Forms ; (5) Elements of Instrumentation ; (6) History of Music from 1750 to the present time ; (7) English.

THIRD YEAR.—(1) Single and Double Counterpoint in not more than five parts ; (2) Strict and Free Fugue in not more than five parts ; (3) Form : Binary Form, Ternary Form, Rondo and Sonata ; (4) Analysis of certain prescribed scores.

Exercises to be composed by the candidate : (*a*) A solo song with piano-forte accompaniment ; (*b*) A four part vocal composition ; (*c*) An instrument composition (other than a dance), for Piano-forte, Organ, or other stringed or wind instruments with Piano forte accompaniment.

The final examination in the practice of Music will include one of the following groups :—

For the Pianoforte.

Prelude and Fugue in E minor ....*Mendelssohn.*
C major Sonata (Waldstein) .....*Beethoven.*
A ♭ major Polonaise ....*Chopin.*
D ♭ major Nocturne.... .....*Chopin.*
Concert-Etude No. 1, (Waldesrauschen). .. ..*Liszt.*
Rhapsodie, No. 12 ....*Liszt.*

For the Organ.

Prelude and Fugue in E major.....*Bach.*
Sonata in D minor (solo form).....*Merkel.*
Air with Variations and Fugato in A .....*Smart.*
Third Organ Sonata.....*Mendelssohn.*

§ XXXVI.—Short Courses of Study for General Students.—(1.) For the benefit of students who may be unable to spend four full years at the University, but may be able to give full attendance for shorter periods, or to attend a small number of classes for a series of years, short courses of study have been arranged.

Students entering on these courses are not required to pass any preliminary examination; but they are recommended not to enter classes in which some knowledge of the subject is assumed, without first consulting the Professors as to their ability to enter with profit upon the work of the classes.

To students who attend the classes of these courses with regularity, show diligence in the class work, and succeed in securing positions on the Pass Lists, certificates will be issued stating the nature of the course pursued, and the degree of success attained.

The details of the subjects studied in the classes mentioned below will be found under Courses of Instruction (§xxiv.)

(2.) **Short Course for Teachers.**—This course is intended to provide a thorough systematic and practical training in education, together with a practical study of scientific subjects, such as will enable the student to present and illustrate such subjects adequately in the school.

It consists of the following classes (§xxiv):—Mental Science, Science of Education, History and Practice of Education, Practical Chemistry, Practical Physics, Mineralogy, Physiology, Geology, Botany, Zoology, and Drawing.

Diploma of Literate in Education (L. E.)—This Diploma will be awarded to students who have taken the above course, on the following conditions:

(*a*) Before entering upon it they must furnish evidence of general education, equal at least to that implied in the possession of the Grade XI (B) Certificate of the Nova Scotia Education Office.

(*b*) They must pass satisfactory examinations in the subjects of the classes mentioned above, and receive the favorable report of those who conduct practical classes on their practical work.

(*c*) In connection with the Class of Practice of Teaching, they must have spent at least 300 hours in practical work

(including actual teaching and observation of teaching) under approved supervision; but a portion of this practical work may have been carried out in the summer vacation, provided it be under the supervision of Teachers, approved by the Faculty.

(*b*) The Course in Drawing must include at least 60 lessons, and must be in the department outlined in § XXIV (vii).

(*c*) They must furnish certificates from teachers approved by the Faculty, of having attended a course of instruction of at least 30 lessons in Manual Training, and of having acquired proficiency both in this subject and in School Music (Tonic Sol-Fa notation).—Instruction in both these subjects may be obtained in the city of Halifax.

(3) **Short Course introductory to Medical Study.**—This course includes the more difficult subjects of the Medical Matriculation Examination, together with a sufficient number of the subjects of the Medical Curriculum to constitute an *annus medicus*. It is as follows:

FIRST YEAR.—Latin; English; French; Mathematics; Junior Chemistry.

SECOND YEAR.—Junior Physics; Senior Chemistry; Mental Science; Botany; Anatomy.

(4) **Short Courses for Engineering Students.**—The following courses are intended for students who are unable to give full attendance, but can give partial attendanee, for a number of years:

(*a*) CIVIL ENGINEERING.—Mathematics (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; (Dynamics); Applied Mechanics (Theory of Structures and Strength of Materials); Surveying; Civil and Hydraulic and Municipal Engineering.

(*b*) MECHANICAL ENGINEERING. — Mathematics (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics (Mechanics of Machinery); Hydraulic Engineering.

(*c*) MINING ENGINEERING —Mathematics (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics; Chemistry; Practical Chemistry; Mineralogy; Geology; Mining; Surveying; Civil and Hydraulic Engineering.

(*d*) ELECTRICAL ENGINEERING. — Mathematics (Junior and Senior); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of Machinery).

§ **XXXVII.— Classes for Artisans.** — Classes are organized from time to time for artisans and other persons who are engaged in forms of work involving the application of scientific knowledge. These classes are usually held in the evening. Announcements with regard to them are made at the beginning of the Session.

§ XXXVIII.—Attendance.— The regulations as to attendance of students are the same as in the Faculty of Arts. (See § IX, p. 54).

§ XXXIX. — Class Exercises and Examinations. —The regulations as to Class Exercises and Examinations are the same as in the Faculty of Arts. (See § X, p. 54).

§ XL. — Residence, Church Attendance, and Discipline.—The regulations as to residence, church attendance, and discipline, in this Faculty, are the same as in the Faculty of Arts. (See §§ XVI–XVIII. p. 60.)

§ XLI.—The Degree of Bachelor of Engineering (B. E.) will be conferred on a Bachelor of Science who has taken the degree in one or other of the Departments of Engineering, at any date not less than one year after graduation, provided he satisfy the following conditions:

(1.) He must furnish certificates from an engineer or engineers, approved for this purpose by the Faculty, showing that he has been engaged in practical work in some one department of engineering under their supervision for a period of at least two years, and that he has exhibited satisfactory diligence and progress. A part, or the whole, of this time may be spent in any approved Engineering School which possesses workshops or testing laboratories.

(2.) He must hand into the Faculty designs for some constructive work, prescribed by the Faculty, in the department in which he has been engaged in practical work, the designs to be accompanied by complete working drawings giving full details, and bills of materials and estimates. The designs must be accompanied by a declaration to the effect that he has received no assistance in preparing them; and he will be required to explain and defend them before the examiners.

(3.) Candidates for this degree must send their designs, &c., to the Dean of the Faculty on or before the first of March, and must, at the same time, pay a fee of Twenty Dollars. In the event of the degree being granted, a further fee of Five Dollars is payable for the Diploma.

§ XLII.—The Degree of Master of Science (M. Sc). —The degree of Master of Science will be conferred on a Bachelor of Science of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research in some department of pure or applied science, or on his passing an examination in a course of scientific study, appointed or approved by the Faculty, of about the extent represented by the academic

work of one year of the B. Sc. Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University, or by private reading, and to adapt the courses to their individual tastes and capacities; but no course of study will be approved unless it is confined either to one department of science, or to closely related departments.

Theses must be sent to the Dean of the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the autumn. Candidates must give one month's notice of their intention to appear for examination.

On transmitting the thesis, or on giving notice of intention to appear for examination, candidates must pay a fee of Five Dollars. In the event of the degree being granted a further fee of Five Dollars is payable for the Diploma.

§ **XLIII.—Admission ad eundem gradum.**—Graduates in Science or in Music of Universities approved by the Senate, who have received their degree in course, may be admitted *ad eundem gradum* in this University, on producing satisfactory proof of character and academic standing, and on payment of a fee of Ten Dollars.

§ **XLIV.—Academic Costume.**—Undergraduates and general students attending more than one class, are entitled to wear caps and gowns. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

Bachelors of Science, of Engineering, and of Music, and Masters of Science are entitled to wear black stuff gowns and hoods. The distinctive part of the costume is the hood, which is to be as follows:

For B. Sc.—Black stuff, with a lining of white silk bordered with crimson silk.

For B. E.—Black stuff, with a lining of white silk bordered with purple silk.

For B. Mus.—Black stuff, with a lining of white silk bordered with lavender silk.

For M. Sc.—Black stuff, with a lining of scarlet silk.

Successful candidates for these degrees must appear at Convocation in the proper academic costume, to have the degrees conferred upon them. Degrees will be conferred in the absence of candidates only by special permission of the Senate.

§ **XLV.—Fees.**—The regulations as to fees payable by students for registration, gymnasium, classes conducted in the College, supplementary and special examinations, &c., shall be the same as in the Faculty of Arts (see § XXIII, p. 62); except that for classes conducted by two or more Lecturers a fee of Twelve Dollars is payable. For extra-mural classes the fees prescribed in the Institutions in which they are held, must be paid. In the subjects of Anatomy, Physiology, and Histology, examination fees are payable (§ XXIV.)

The Degree Examination fees are as follows:

For B. E. Examination	$20 00
For Examinations in Music (B. Mus.), in each year of the course	10 00
For M. Sc. Examination or report	5 00

The Graduation Fees are as follows:

For B. Sc. Diploma	5 00
For B. E. Diploma	5 00
For M. Sc. Diploma	5 00
For B. Mus. Diploma	20 00
For an *ad eundem* Degree	10 00

Faculty of Law.

THE PRESIDENT, *(ex-officio)*.
RICHARD C. WELDON, M. A., PH. D., D. C. L., K. C.
BENJAMIN RUSSELL, M. A., D. C. L., K. C., M. P.
C. SYDNEY HARRINGTON, K. C.
GEORGE RITCHIE, LL. B.
HECTOR MCINNES, LL B.
CHARLES H. CAHAN, B. A., LL. B.
Dean of the Faculty—PROFESSOR WELDON.
Secretary of the Faculty—PROFESSOR RUSSELL.

§ XLVI.—Courses of Lectures.

The following Courses of Lectures to be given in the Session of 1901-02, will begin on the 4th of September, 1901, and end on the 21st of February, 1902 :

CONSTITUTIONAL AND INTERNATIONAL LAW.

(George Munro Professorship.)

Professor.....R. C. WELDON, K. C.

Constitutional Law.

Two lectures per week.

Subjects of lectures :

Constitutional Conventions. Royal Prerogative. *Lex Parliamenti.* Colonial Laws Validity Act. Select Cases ; Cartwright's Cases.

Constitutional History.

Two lectures per week.

Subjects of lectures :

Feudalism in England. Origin and growth of the two Houses of Parliament. Origin and Development of trial by Jury. Origin and Development of the Courts of Law. The Royal Prerogative. History of the Law of Treason. The Liberty of the Person. The Liberty of the Press. History of Party Government. Origin and Development of the Cabinet System. History of the Reform Bills. The Written Code of the Constitution. *Magna Charta.* Petition of Right. Bill of Rights. *Habeas Corpus.*

Text-book: Taswell-Langmead's Constitutional History of England.

Conflict of Laws.

One lecture per week.

Subjects of lectures:

Leading rules as to (1) personal capacity, (2) rights of property, (3) rights of obligation, (4) rights of succession, (5) family rights, (6) forms of legal acts. The use of courts by strangers. The effect of foreign judgments. Select Cases upon the Conflict of Laws.

Text-book: Nelson's Private International Law.

International Law.

One lecture per week.

Subjects of lectures:

History of North Atlantic Fisheries, Convention of London, 1818. Territorial Waters. Treaty of Washington, A. D. 1871. Consuls. Commercial Treaties. Naturalization. Extradition. Blockade. Contraband. Intervention. Capture. Prize Courts.

Text-book: Hall's International Law.

CRIMES.

Lecturer ..... PROFESSOR WELDON.

Two lectures per week.

Subjects of lectures:

Sources of Criminal Law. Offences against Public Order, internal and external. Offences affecting the administration of Law and Justice. Offences against Religion, Morals aud Public Convenience. Offences against the Person, and Reputation. Offences against rights of Property and rights arising out of Contract and offences connected with trade. Procedure. Proceedings after conviction.

Text-book: The Canadian Criminal Code, 1892.

SHIPPING.

Lecturer ..... PROFESSOR WELDON.

Subjects of lectures:

Registration of Shipping. Transfer. Mortgage. Bottomry and Respondentia. Charter Party. Bills of Lading. Collision. Damage. Salvage. Freight. Towage. General Average.

CONTRACTS.

Professor ..... B. RUSSELL, M. A., D. C. L., K. C., M. P.

Two lectures per week.

Subjects of lectures:

Definition of terms; agreement, consideration, proposal, acceptance, promise, &c. Persons who may contract, Principal and agent. Disabilities arising from infancy, coverture, lunacy, intoxication, &c. Express and implied contracts. Verbal and written contracts. Specialties, Statutory requirements as to validity and authentication of contracts; Statute of Frauds. Causes vitiating

agreements; mistake, fraud, duress, &c. Discharge of contracts, rerescission, performance, payment, release, merger, &c. Leading cases.

Text-books: Finch's Cases, and Anson on Contracts.

EQUITY JURISPRUDENCE.

Lecturer ..... PROFESSOR RUSSELL.

One lecture per week extending over two years.

Subjects of lectures:

Trusts, Mortgage, Frauds, Mistake, Specific Performance of Contracts, Administration of Assets, Election, Account, Discovery, Injunction.

Text-book: Smith, H. A.

SALES OF PERSONAL PROPERTY.

Lecturer ..... PROFESSOR RUSSELL.

One lecture per week.

[1902-03.]

Subjects of lectures:

Capacity to buy and sell. Executed and executory contracts of sale. Statute of Frauds. Lord Tenterden's Act. Rules as to passing of property. Reservation of *jus disponendi*. Stoppage in *transitu*. Condition. Warranty, express and implied. Remedies of seller and buyer.

Text-book: Benjamin on Sales.

NEGOTIABLE INSTRUMENTS.

Lecturer ..... PROFESSOR RUSSELL.

One lecture per week.

[1901-02.]

Subjects of lectures:

Formal Requisites, Cnnsideration. Indorsement and Transfer. Real and Personal Defences. Over-due Paper. Notice of Dishonor. Protest.

Text-book: McLaren on Bills.

EVIDENCE.

Lecturer ..... MR. C. S. HARRINGTON, K. C.

One lecture per week.

[1902-03.]

Subjects of lectures:

Nature of Proof. Production and Effect of Evidence. Relevancy. Instruments of Evidence.

Text-books: Greenleaf on Evidence; Judicature Act and Rules.

PARTNERSHIP AND COMPANIES.

Lecturer.....MR. C. S. HARRINGTON, K. C.

One lecture per week.

[1901-02.]

Subjects of lectures:

Constitution. Liability of partners *inter se* and to third persons. Change of firm. Retirement of partners. Dissolution. Mining ventures. Joint-stock Companies. Canada Joint-stock Companies Act.

Text-book: Lindley on Partnership.

REAL PROPERTY (First Year).

Lecturer.....MR. GEORGE RITCHIE. LL. B.

WILLS.

Lecturer.....MR. GEORGE RITCHIE, LL. B.

One lecture per week.

Subjects of lectures:

WILLS.—History of Wills, Making of Wills, including Fraud, Mistake, Undue Influences, Contingent and Conditional Wills, Form and Execution of Wills, Revocation of Wills, Revival and Republication of Wills, Special Limitations and conditions in a Will, their effects and legality, Office of Executor and Administrator, Estate of Executors and Administrators, Debts of Deceased, Devises, Legacies.

PRACTICE AND PROCEDURE.

Lecturer.....MR. HECTOR MCINNES, LL.B.

Subjects of lectures:

Judicature Act and Rules, General Principles of Pleading, and Rules of Practice.

Candidates for the Degree of LL.B. are not required to attend lectures or take the examination in Procedure.

TORTS.

Lecturer.....MR. CHARLES H. CAHAN, B. A., LL. B.

One lecture per week.

Subjects of lectures:

Definitions. Torts considered with references to Crimes and Contracts. Deceit. Slander and Libel. Malicious Prosecution. Conspiracy. Assault and Battery. False Imprisonment. Enticement and Seduction. Trespass to Property. Conversion. Violation of Water Rights and Rights of Support. Nuisance. Negligence.

Text-books: Bigelow, or Pollock.

§ **XLVII. — The Academic Year.** — The Academic year consists of one session. The session of 1901-02 will begin on the 4th of September, 1901, and end on the 28th of February, 1902.

§ **XLVIII. — Admission of Students.**— (1.) Students may enter the University by (*a*) entering their names in the Register, and (*b*) paying the prescribed fees.

(2.) Registered students may, on payment of the proper fees, enter any of the classes of the University.

(3.) Students who wish to obtain University Degrees must become undergraduates. They may become undergraduates by (*a*) passing the Matriculation Examination of the Arts Faculty or a recognized equivalent, (*b*) producing certificates of Articled Clerkship or the like in cases where they rely on having passed the preliminary law examinations in their several provinces, and (*c*) entering their names on the Register as Undergraduates.

(4.) Students who are not undergraduates are known as General Students.

§ **XLIX.—Degree of Bachelor of Laws.**—(1.) All candidates for the Degree of LL. B., are required to pass the Matriculation Examination of the Arts Faculty, or a recognized equivalent, to attend not less than five-sixth of the lectures given in each subject of the course of study, to pass the prescribed Examinations in the subjects of the three years course of study, and to argue at least two cases in the Moot Court.

(2.) Graduates and undergraduates in Arts of any recognized College or University, and articled clerks or law students who have passed the preliminary law examinations in any of the Provinces of the Dominion of Canada, in Newfoundland, or in any of the British West India Islands, shall be admitted to the standing of Undergraduates of the First Year in the Faculty of Law, without passing an examination.

Students presenting themselves for the first time for registration as undergraduates in law must submit to the Dean their diplomas or certificates to establish their qualifications as graduates, undergraduates, or enrolled law students, respectively. Without such diplomas or certificates students cannot be registered as Undergraduates in law.

(3.) Undergraduates of other Law Schools may, on producing satisfactory certificates of standing, be admitted to similar standing in this Law School if they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the course on which they enter in the University, they may be required to take extra classes.

§ L.—Course of Study for the Degree of LL. B.

First Year.

1. Real Property.
2. Crimes.
3. Contracts.
4. Torts.
5. Constitutional History.

Second Year.

1. Equity.
2. Partnership and Companies.
3. Negotiable Instruments.
4. Constitutional Law.
5. Shipping.
6. Wills.

Third Year.

1. International Law.
2. Conflict of Laws.
3. Evidence.
4. Equity.
5. Sales of Personal Property.

The Faculty urgently recommend that students devote their whole time during Sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of their classes, receive comparatively little advantage from the lectures. The Course having been very considerably enlarged, the Faculty apprehend that students who are doing regular office work during session, will find it quite impossible to pass with credit the required examinations.

§ **LI.—Sessional Examinations.**—(1.) The Sessional Examinations will begin next Session on February 22nd, 1902.

(2.) Students are forbidden to bring any book or manuscript into the Examination Hall, except by direction of the Examiner, or to give or receive assistance, or to hold any communication with one another at the examinations. If a student violate this rule, he shall be excluded from the Sessional Examinations of the Session, and such other penalty shall be imposed as the Faculty may determine.

(3.) If an Undergraduate fail to pass in one or two subjects at the Sessional Examinations, he shall be allowed a supplementary Examination in such subject or subjects at the beginning of any subsequent Session.

(4.) If an Undergraduate fail to pass in more than two subjects at any Sessional Examination, he shall lose his Session.

(5.) Undergraduates who wish to present themselves at a Supplementary Examination, must give notice addressed to the Secretary of the Faculty, Dalhousie Law School, Halifax, on or before August 25th, 1901.

(6.) The Supplementary Examination for the present year will begin September 4th, at 3 P. M. Fee $5, payable on the day of the Examination.

§ **LII.—Moot Courts.**—Moot Courts are held every week.

The case to be argued is stated by the Professor or Lecturer, who is to preside. Every candidate for a degree shall be

required to take part in at least two arguments at the Moot Court. The senior counsel on either side shall file briefs with the Dean one day before the day on which the case is argued. A record is kept of the values assigned to the arguments made, and these values may be considered by the Faculty in recommending a candidate for his degree.

§ **LIII.—Residence and Discipline.**—The regulations as to residence and discipline in this Faculty are the same as in the Faculty of Arts.

§ **LIV.—Academic Costume.**—Bachelors of Law are entitled to wear gowns and hoods. The gowns are similar to those worn by Barristers-at-Law. The hoods are of black silk stuff, with a lining of white silk broidered with gold coloured silk.

§ **LV.—The Library.**—The Library is in charge of a Librarian, who will endeavour to make its resources available to the students. The Library will be found to contain almost all the reports an undergraduate will have occasion to consult. Students text-books are not found in the Library.

§ **LVI.—Fees.**—The following are the fees payable by students of the Faculty of Law. *They are in all cases payable in advance.*

Students are requested to pay their Class Fees and sign the University Register on Tuesday, 3rd September, 1901, at 10 A. M., in the office of the Law School.

Registration Fee, payable only by General Students	$ 2 00
For use of Gymnasium, by all male Students taking more than one class	1 50
Fee for each class attended, per Session, payable by General Students	10 00
Fee for each class attended, per Session, payable by students of the Affiliated Course	6 00
Fee for the classes of the First Year, payable by undergraduates	40 00
Fee for the classes of the Second Year, payable by undergraduates	40 00
Fee for the classes of the Third Year, payable by undergraduates	40 00
Fee for LL. B. diploma, which is payable before the final examination, and will be returned in case of failure	10 00
Fee for the Supplementary Examination	5 00

Students of any year are permitted to attend lectures in the subjects of an earlier year without extra charge.

Students will not hereafter be admitted to the Lecture rooms unless they have paid their class fees.

Faculty of Medicine.

THE PRESIDENT (*ex officio*).

GEORGE L. SINCLAIR, M. D.	WILLIAM TOBIN, F, R. C. S., Ire.
DONALD A CAMPBELL, M. D., C. M.	HON. MR. JUSTICE HENRY.
A. W. H. LINDSAY, M. D., C. M.	LOUIS M. SILVER, M. B., C. M.
JOHN STEWART, M. B., C. M.	FRED. W. GOODWIN, M. D.
DANIEL MCNEIL PARKER, M. D.	F. U. ANDERSON, M. R. C. S., Eng.
ANDREW J. COWIE, M. D.	EBENEZER MACKAY, Ph. D,
JOHN F. BLACK, M. D.	WILLIAM H. HATTIE, M. D.
ALEXANDER P. REID, M. D.	ANDREW HALLIDAY, M. B., C. M.
MATTHEW A. CURRY, M. D.	GEORGE M. CAMPBELL, M. D.
MURRAY MCLAREN, M. D.	JAMES G. MACGREGOR, D. Sc.
WILLIAM S. MUIR, M. D.	NORMAN E. MACKAY, M. D.

Dean of the Faculty: DR. SINCLAIR.

Secretary of the Faculty: DR. LINDSAY.

Correspondence should be addressed:

"*The Secretary, Faculty of Medicine,*
Dalhousie College, Halifax."

§ LVII.—Courses of Instruction.—1. Instruction is provided by the University in the following subjects of the Medical Curriculum :—

I.—CHEMISTRY.

(McLeod Professorship.)

Professor.....E. MACKAY, Ph. D.

Junior Chemistry Class.

Mondays, Wednesdays and Fridays, 9—10 A. M.

CLASS WORK.—The lectures in this class deal in an elementary way with the principles of general chemistry. In the earlier part of the course the characteristic properties of common acids and bases are studied, and then the chemistry of fire, of water and of air, the order of historical development being followed as nearly as possible. When some acquaintance with chemical facts has thus been gained the fundamental laws of combination are taken up and the atomic theory and chemical formulæ are introduced. Chlorine, nitrogen, carbon and some of their typical compounds are then studied, and thereafter the principal remaining elements each in connection with the group of elements in the periodic system to which it belongs. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

LABORATORY WORK.—Every student is required to devote at least three hours a week to laboratory work. The laboratory course is designed to make the student familiar with ordinary laboratory operations and to lead him to solve simple problems in chemistry by experiment. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed; and some time is devoted to elementary work in qualitative analysis.

Book recommended: Remsen's *Introduction to the Study of Chemistry* (Macmillan & Co.) for both class and laboratory work.

Senior Chemistry Class.

Tuesdays, Thursdays and Saturdays, 9—10 A. M.

CLASS WORK.—The subjects of study in this class fall into two sub-divisions: pure chemistry, taken up on Tuesdays and Thursdays, and the applications of chemistry to medicine, on Saturdays.

The subjects of study in pure chemistry are: determination of atomic and molecular weights; constitution of acids, bases and salts; classification and properties of the principal metals; compounds of carbon—their purification and analysis; the paraffins and their chief derivatives; ethylene; acetylene; benzene and its chief derivatives.

The subjects of study in medical chemistry are: the chemical properties and detection of the more commonly occurring poisons; the proximate principles of the body and of food; typical foodstuffs as milk, flour, bread, meat; the blood; the digestive fluids and digestion; the principal animal secretions, especially urine; the quantitative estimation of glucose, albumen, urea.

LABORATORY WORK.—All members of the class are required to devote at least three hours a week to laboratory work. This will include qualitative analysis and the preparation of pure reagents. Practice is given in the identification of the chief inorganic compounds of the following elements: arsenic, antimony, tin, bismuth, copper, mercury, lead, silver, iron, chromium, aluminium, zinc, magnesium, barium, calcium, potassium, sodium, chlorine, bromine, iodine, sulphur, nitrogen, phosphorus, carbon, boron; and the identification of the following organic compounds (not more than one such being present): acetic, tartaric, oxalic, hydrocyanic, salicylic, and citric acids and their salts, alcohol, chloroform, chloral, glucose, cane sugar, starch, phenol, quinine, morphine, strychnine.

For students who can devote sufficient time to the subject a more extended laboratory course is given, including, in addition to the preceding, the preparation and study of typical organic compounds and the quantitative estimation of the chief constituents of urine.

Books recommended: For class use, Roscoe and Harden's *Inorganic Chemistry for Advanced Students* (Macmillan & Co.); Remsen's *Compounds of Carbon* (Macmillan & Co); Halliburton's *Essentials of Chemical Physiology* (Longmans). For reference: Remsen's *Inorganic Chemistry, Advanced Course*, (H Holt & Co.). Reese's *Medical Jurisprudence and Toxicology* (Blakiston, Son & Co.). Hammarsten's *Text-book of Physiological Chemistry*, translated by Mandel (Wiley & Sons).

CHEMICAL LABORATORY.

The chemical laboratory accommodates about one hundred students. A reference library is placed in the laboratory for the use of students doing analytical work.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with the more expensive reagents, as alcohol and ether, and they are charged with the value of apparatus they have broken or injured.

The laboratory is open daily, Saturdays excepted, from 10 a. m. to 1 p. m., and from 3 to 5 p. m. on Mondays and Wednesdays.

II.—ELEMENTARY BIOLOGY.

(A.)—BOTANY.

Lecturer.....

Mondays, 2—4 P. M.

The course in Botany will have special reference to the following subjects: Protoplasm and Plant-cells, the Tissue and Tissue Systems of Plants, Morphology of the Plant-body, Plant Physiology, the Principles of Classification and the Laws of Distribution, the Protophyta (Schizophyceæ), the Phycophyta (Chlorophyceæ and Phæophyceæ), the Carpophyta (Rhodophyceæ, Ascomyceteæ and Basidiomyceteæ specially), the Bryophyta (Mosses and Liverworts), the Pteridophyta (Ferns, Horse-tails and Club-mosses), the Anthophyta (specially the Coniferæ, Gramineæ, Orchidaceæ, Liliaceæ, Urticaceæ, Labiatæ, Compositæ, Umbelliferæ, Rosaceæ, Leguminosæ, Cruciferæ, Ranunculaceæ). The Morphology and life history (the Anatomy, Histology and Development) of at least two common or representative species of each group of plants named above, in minute detail.

General attention will be given to the native *flora* of the province, with special notice of foreign as well as native species of interest from economic, medicinal or injurious properties.

The preliminary study of Botany as indicated in Grade IX of the Public School Course, and especially the formation of a local collection of plants, even if unnamed and unclassified, will be an advantage to any student entering upon the course.

Practical instruction will be given in the collecting, drying and mounting of specimens, the use of the microscope, the preparing of microscopic sections, and the general dissection of plants; and all students will be required to present a collection of at least 100 plants representing the local flora examined by them, together with their notes and drawings of microscopic work done during the session, as a portion of their terminal examination. The use in class of a number of miscroscopes will be granted the students under the care and direction of the lecturer; but a hand lens, glass slides, cover glasses, scalpels and other apparatus, and books necessary for each student, shall be supplied by each for himself.

(B.)—ZOOLOGY.

Lecturer.....A. HALLIDAY, M. B, C. M.

Tuesdays and Thursdays, 2.30—3.30 P. M.

The work of the class will consist of a course of lectures supplemented by practical work.

The following subjects will be treated of in the lectures:—Organic and Inorganic Bodies; Life, Vital Action. &c.; Differences between Plants and Animals, Morphology, Physiology, Differences

between Animals, Specialisation of Function, Morphological Type, Von Bær's Law of Development, Origin of Species, Homology, Analogy, Reproduction, Distribution in Time and Space, Evolution, Classification. Also the general characters of the several sub-kingdoms will be treated of as fully as possible.

The practical part of the course will consist of Dissections by students themselves, and demonstrations, microscopic, &c,

The object of the class will be to give such a comprehensive idea of the Animal Kingdom, as will form a good basis for anyone wishing to prosecute still further the study of Biology, or Comparative Anatomy and Physiology.

Text Books: The text book will be announced at the beginning of the Session *Reference Text Books: Anatomy of Vertebrates and Invertebrates*, Huxley, 2 vols.; *Text Book of Zoology*, Claus & Sedgewick, 2 vols.

III.—MEDICAL PHYSICS.

Professor.....J. G. MACGREGOR, D. Sc., F. R. S.

Tuesdays and Thursdays, 11 A. M.—12 M.

In this class a rapid survey of the subjects of Experimental Physics is taken, the sections treated being:—The properties of solids and fluids (including the elements of dynamics); sound; heat; light; electricity and magnetism. The mode of treatment is inductive and quasi-historical, the generalizations and theoretical conceptions being worked up to experimentally but not systematically developed by deduction. The amount of mathematical knowledge assumed is therefore no greater than may be acquired in Grade B of the High School.

Members of the class, though required to work up the subjects treated in the lectures, are not expected to carry on any extensive private reading. But they will be expected to refer to works recommended by the lecturer in sections of the subject which have important practical application in medical study.

Books recommended for reference: Daniell's *Physics for Students of Medicine* (Macmillan & Co.) Robertson's *Physiological Physics* (Cassell & Co.)

2. Students wishing to attend the above courses may do so either as General Medical Students without preliminary examination, or as regular Undergraduates in Medicine. In either case they must enter their names in the University Register at the beginning of the Session. By reference to §§VII and XXIX Undergraduates in Arts and Science will see how they at the same time may be registered with the Medical Faculty and so secure the benefit of certain classes of the Arts and Science Courses, as regular Undergraduates in Medicine.

3. In other subjects the necessary classes may be attended at the Halifax Medical College or at any other College or School of Medicine recognized by the Senate.

4. Attendance on classes by those registered as General Medical Students will not qualify for Degree Examinations in this Faculty.

§ LVIII.—The Academic Year.—The Academic year consists of one session of eight months duration. The Session of 1901–1902 will begin on Thursday, August 29th, 1901, and end on Tuesday, April 29th, 1902.

In order to qualify for Degree Examinations the Medical Academic year must include attendance on at least two of the following courses :—Anatomy, Practical Anatomy, Chemistry, (including a laboratory course of not less than three hours per week), Physiology, Materia Medica, Surgery, Obstetrics. Gynæcology and Diseases of Children, Medicine ; or one such course and two of the following: Elementary Biology, Histology, Medical Jurisprudence and Hygiene, Pathology (including Bacteriology), Therapeutics, Clinical Medicine, Clinical Surgery Certificates indicating less than 90 per cent. of attendance upon any class will not be accepted without valid reason for absence being shown.

§ LIX.—Degrees.—Two Medical Degrees are conferred by this University, viz., Doctor of Medicine (M. D.) and Master of Surgery (C. M.) ; but neither degree is conferred on any person who does not at the same time obtain the other.

§ LX.—Matriculation Examination. — 1. Candidates for medical degrees must give evidence of having obtained a satisfactory general education, by presenting certificates of having passed, before entering on the course of study qualifying for the degrees, either the Preliminary Examination of the Provincial Medical Board of Nova Scotia, the Junior Matriculation Examination of this University, with Latin as one of the languages selected, or some other examination recognized by the Board as sufficient*

2. The Examinations recognized *pro tanto* by the Provincial Medical Board will be similarly recognized by this Faculty.

3. Candidates who may have passed in all but one of the subjects required for the Matriculation Examination of the Provincial Medical Board either before the Board's Examiners or at any of the recognized Examinations indicated above, provided they shall have made at least 25% in such subject, may enter as undergraduates, but will subsequently be required to comply with the Board's regulations as regards the remaining subject of Examination before being admitted to the classes of the second year

§ LXI.—Degree Examinations.—1. Candidates for the Degrees of M. D. and C. M. shall be required to pass two

*All information in reference to Requirements for the Preliminary Examination of the Provincial Medical Board, Exemptions, etc., may be obtained on application to the Registrar of the Board, Dr. A. W. H Lindsay, 241 Pleasant Street, Halifax.

main examinations—the Primary and the Final M. D., C. M. examinations—and to have satisfied at the dates of the examinations certain conditions as to fees, attendance on classes, etc.

2. Tickets of admission will be issued to all candidates who have satisfied these requirements of the Faculty, which tickets shall be produced at each examination.

3. At all examinations a minimum of 50% in each subject will be required to obtain a Pass, except under the conditions specified in § LXIII, 4.

4. Should the candidate fail to pass or to hand in a paper in any subject or subjects, his fee will not be returned to him, but he will be permitted a *supplementary* examination in such subject or subjects on payment of $5 00 for each subject, with or without evidence of further attendance on said subject or subjects as the Faculty may direct.

5. Except in the case of students taking one or other of the so called "affiliated" courses as referred to in § LVII., 2, no candidate, unless by *special* permission of the Faculty, will be allowed to present himself for examination in selected subjects, but must in the first instance, take each section as hereafter defined, (§§ LXII-III) as a whole.

6. A candidate who has been prevented by exceptional circumstances from presenting himself for examination in any subject or subjects, may by special permission of the Faculty be allowed a *special* examination in such subject or subjects, but such examination shall only be allowed at the dates specified in the University Almanac for the supplementary or the regular examinations, and the fee shall be $5.00 for each subject of examination.

7. Candidates who have been granted supplementary examinations, will be required to pay the examination fee, whether they take the examination in the Autumn or at the time of the regular April examinations.

§ LXII. — Primary M. D., C. M. Examination.—

1. This examination shall consist of two parts; Sect. A to be passed at the end of the First Year, and Sect. B at the end of the Second Year.

(A). Primary Examination, Sect. A.

(1.) This examination shall include Anatomy, Chemistry, Elementary Biology, and Medical Physics, to the extent indicated in the following synopsis:

Anatomy.

A written examination on Osteology, including general physical character, chemical composition and coarse structure of bone. Ossification. Arthrology, classification of Joints, structure and mechanism of the most important, (hip, knee, shoulder, elbow, ankle, etc.)

Chemistry.

Elementary general chemistry, as in the course of the Junior Chemistry Class, outlined on pp. 99, 100.

Elementary Biology.

Candidates will be expected to show a practical acquaintance with the topics indicated as forming the subject matter of the courses of lectures and instruction in Botany and Zoology, outlined at pp. 101, 102,

Medical Physics.

A written examination on the subject-matter included under this heading at p. 102.

(2.) Except as hereinafter provided, (sub-sect. 3), candidates for this examination shall be required to produce certificates to the following effect:

(*a*) Of having passed the Preliminary Examination of the Provincial Medical Board of Nova Scotia, the Junior Matriculation Examination of this University with Latin, or other examination recognized as sufficient, at least one academic year previously, and of having completed their sixteenth year before the passing of said examination.

(*b*) Of having, after passing the Preliminary or Matriculation Examination, attended either in this University, in the Halifax Medical College, or in some other University or College approved by the Senate, during at least one medical session of eight months duration the following courses of lectures and instruction, viz.: *Anatomy*, (*Osteology and Arthrology*) a course of at least 75 lectures and demonstrations with 10 hours laboratory work per week for six months; *Chemistry*, a course of at least 75 lectures with a laboratory course of not less than three hours per week for six months; *Elementary Biology*, a course of at least 100 hours of lectures and laboratory work; *Medical Physics*, a course of at least 50 lectures.

(3) Exemption from further class attendance in Junior Chemistry, Botany and Zoology, and also from Examination in any or all of these subjects may be allowed on production of satisfactory certificates. These equivalent courses and examinations may have preceded the Preliminary Examination.

(B.) Primary Examination, Sect. B.

(1) This examination shall include Anatomy, Physiology and Histology, and Chemistry, to the extent indicated in the following synopsis:

Anatomy.

This examination will be partly written and partly *viva voce*. The paper may include questions in Descriptive and Regional Anatomy, Surgical and Medical Anatomy. At the oral examination, candidates will be examined on the skeleton, recent dissections, models, preparations, etc.

Physiology and Histology.

A written and an oral examination on: (*a*) The physiology of digestion, absorption, circulation, respiration, secretion, nutrition, animal heat, animal motion; the functions of the nervous system and sense organs; reproduction and development.

(*b*) The compositition of food, and of the tissues, secretions, excretions, and other fluids of the body.

(*c*) Histology.

At the oral examinations microscopical preparations of the tissues and organs of the body will also be submitted for identification and description.

Chemistry.

Inorganic, organic and medical chemistry as in the course of the Senior Chemistry Class, outlined on page 100. The examination will include: (*a*) A written paper. (*b*) A practical examination in the laboratory. (*c*) An oral examination, in which questions may be put to candidates upon the entire work of the Junior and Senior courses.

(2.) Candidates for this examination shall be required to produce certificates to the following effect:

(*a*) Of having passed the Preliminary Examination, or other examination recognized as suffiicent, at least two academic years previously, and of having completed their sixteenth year before the passing of said examination.

(*b*) Of having, after passing the Preliminary or other equivalent examination, attended either in this University, in the Halifax Medical College, or in some other School of Medicine approved by the Senate, during at least two medical sessions each of eight months' duration, the courses of lectures, etc., prescribed above for Sect. A. of the primary examination, and having also attended the following, viz.: *Senior Anatomy*, a course of at least 75 lectures and demonstrations with 10 hours laboratory work per week for six months; *Senior Chemistry*, a course in Organic and Medical Chemistry of 75 lectures with a laboratory course of not less than 3 hours per week for six months; *Physiology* a course of at least 75 lectures; *Histology*, a course of at least 75 hours of lectures and laboratory work.

(*c*) Of having passed in the subjects of the first part of the Primary Examination either at this University, at the Halifax Medical College, or at some other Medical College specially recognized by the Senate or under (A) 1 (3).

(*d*) Candidates who have not passed Sect. A. of the Primary Examination may by special permission of the Faculty be allowed to complete their Primary Examination in both sections at the same time.

(*e*) In Chemistry, partial exemption as to class attendance and examination may be allowed on production of satisfactory certificates.

2. The Primary M. D., C. M. Examination will be held in the second and third weeks in April. Candidates are required to hand in their applications and to transmit as far as possible

the certificates specified above for Sect. A or Sect. B, as the case may be, to the Secretary of the Faculty at least fourteen days before the date of the examination, and the remainder of the required certificates not less than two days before the date of the examination, to enter their names in the Register of Undergraduates of the University before the date of the examination, and to pay before the date of the examination, one-sixth of the amount of the graduation fee in the case of candidates for Sect. A, and one-third of the graduation fee in the case of candidates for Sect. B.

§ LXIII.—Final M. D., C. M. Examination.—1. This Examination shall also consist of two parts, one to be passed at the end of the third and the other at the end of the fourth Academic Year.

(A.) Final Examination, Sect. A.

(1.) This Examination will include the following subjects:—Materia Medica, Pharmacy, and Therapeutics; Pathology and Bacteriology; Medical Jurisprudence and Insanity, and Hygiene.

Materia Medica, etc.

This examination will be partly written and partly oral. The candidates will require to possess a knowledge of:

(*a*) The general nature and composition, and the most important physical and chemical characters of the Pharmacopœial drugs, named in the annexed Schedule.

(*b*) The composition of the Pharmacopœial preparations of these drugs, and the process employed in making them.

(*c*) The doses, therapeutical uses and modes of administration of these drugs and their preparations; writing prescriptions.

At the *oral* examination candidates will also be required to recognize the drugs indicated by *italics* in the annexed Schedule:

Liquor Chlori; *Calx Chlorinata;* Liquor Sodæ Chlorinatæ.
Bromum; Ammonii Bromidum; *Potassii Bromidum;* Sodii Bromidum.
Iodum; Potassii Iodidum; Sodii Iodidum; Plumbi Iodidum.
Sulphur Sublimatum; Sulphur Præcipitatum; Calx Sulphurata; Potassa Sulphurata.
Phosphorus; Calcii Phosphas; Sodii Phosphas; *Ferri Phosphas;* Calcii Hypophosphis; Sodii Hypophosphis.
Acidum Hydrochloricum; Acidum Nitricum; Acidum Sulphuricum.
Acidum Aceticum; Acidum Citricum; Acidum Tartaricum.
Acidum Boricum; Acidum Sulphurosum.
Acidum Hydrocyanicum Dilutum.
Liquor Ammoniæ; Liquor Potassæ; Liquor Sodæ; Potassa Caustica; Soda Caustica.
Ammonii Carbonas; Ammonii Chloridum; Liquor Ammonii Acetatis.
Potassii Bicarbonas: Potassii Sulphas; Potassii Chloras; Potassii Tartras Acida: *Potassii Permanganas.*
Sodii Bicarbonas; Sodii Sulphas; Sodii Nitris; Borax.
Calx; Calcii Hydras; Creta Præparata; Calcii Carbonas Præcipitata.
Magnesia; Magnesii Carbonas; *Magnesii Sulphas.*
Alumen; Alumen Exsiccatum.
Zinci Oxidum; Zinci Chloridum; *Zinci Sulphas.*
Cupri Sulphas.

Argenti Nitras.
Hydrargyrum ; Hydrargyri Oxidum Flavum ; Hydrargyri Oxidum Rubrum ; Hydrargyri Subchloridum ; Hydrargyri Perchloridum ; Hydrargyri Iodidum Rubrum ; Hydrargyrum Ammoniatum ; Liquor Hydrargyri Nitratis Acidus.
Plumbi Oxidum ; Plumbi Acetas ; Liquor Plumbi Subacetatis.
Antimonium Tartaratum.
Acidum Arseniosum ; Ferri Arsenias ; Sodii Arsenias ; Arsenii Iodidum ; Liquor Arsenii et Hydrargyri Iodidi.
Bismuthi Subnitras ; Bismuthi Carbonas ; Bismuthi Citras.
Ferrum ; *Ferri Sulphas ; Ferri Sulphas Granulata ;* Ferri Sulphas Exsiccata ; Syrupus Ferri Subchloridi ; *Ferri Carbonas Saccharata ;* Syrupus (et Pilula) Ferri Iodi ; Liquor Ferri Acetatis ; Liquor Ferri Perchloridi ; Liquor Ferri Pernitratis ; Liquor Ferri Persulphatis ; Ferri Peroxidum Hydratum ; Liquor Ferri Dialysatus ; *Ferri et Ammonii Citras ; Ferri et Quininæ Citras ; Ferrum Tartaratum ; Ferrum Redactum.*
Alcohol æthylicum ; *Spiritus Rectificatus ;* Spiritus Tenuior.
Æther ; Chloroformum ; Iodoformum.
Chloral Hydras ; Butyl Chloral Hydras ; *Paraldehydum ;* Sulphonal.
Amyl Nitris ; Tabellæ Nitroglycerini ; Liquor Trinitrini ; *Spiritus Ætheris Nitrosi.*
Acetanilidum ; Phenacetin ; Phenazonum.
Collodium.
Acidum Carbolicum ; Acidum Salicylicum ; Sodii Salicylas.
Aconiti Radix et Folia ; Aconitina.
Opium ; Morphinæ Hydrochloras ; Morphinæ Acetas ; Morphinæ Sulphas ; Liquor Morphinæ Bimeconatis ; Apomorphinæ Hydrochloras ; Codeina.
Coca ; Cocainæ Hydrochloras.
Jaborandi ; Pilocarpinæ Nitras.
Quassiæ Lignum ; Calumbæ Radix ; Gentianæ Radix.
Physostigmatis Semen ; Physostigmina.
Caffeina ; Caffeinæ Citras.
Conii Fructus et Folia.
Asafœtida ; Ammoniacum ; Myrrha ; Guaiaci Resina.
Cinchonæ Cortex ; *Cinchonæ Rubræ Cortex ; Quininæ Sulphas ;* Quininæ Hydrochloras.
Salicinum.
Ipecacuanha ; Senegæ Radix.
Glycerinum.
Nux Vomica ; Strychnina.
Belladonnæ Radix et Folia ; Atropina ; Atropinæ Sulphas ; Hyoscyami Folia ; *Stramonii Semina* et Folia ; Homatropinæ Hydrobromas.
Cannabis Indica.
Digitalis Folia ; Strophanthus.
Oleum Ricini ; Oleum Crotonis ; *Aloe Barbadenis ; Aloe Socotrina ; Aloin ;* Rhamni Purshiani Cortex ; *Colocynthidis Pulpa ; Elaterium ;* Elaterinum ; *Jalapa ;* Podophylli Rhizoma ; *Rhei Radix ; Senna Alexandrina et Indica ; Camphora ; Oleum Terebinthinæ.*
Acidum Tannicum ; Acidum Gallicum ; Kino ; Catechu ; Hamamelidis Cortex et Folia.
Acidum Benzoicum.
Copaiba. Cubeba. Buchu Folia.
Colchici Cormus et Semina.
Scilla.
Filix Mas. Santoninum.
Ergota.
Oleum Morrhuæ. Cantharis.

Medical Jurisprudence and Insanity, and Hygiene.

The Examination will be partly written, partly oral. Candidates will be examined on the following topics :

Forensic Medicine.

I. Examination of Persons found Dead, with reference to :—(1) Identification ; (2) Time of Death ; (3) Cause of Death.

II. Violent causes of Death :—(1) Drowning ; (2) Strangulation ; (3) Suffocation ; (4) Mechanical Injuries and Wounds.

III. Poisons and Poisoning :—(1) Symptoms and post-mortem appearances in cases of poisoning by the following agents:—Inorganic—Mineral Acids ; Solutions of Alkalis ; Copper ; Lead ; Mercury : Antimony ; Arsenic ; Phosphorus. Organic —Oxalic Acid ; Carbolic Acid ; Opium ; Strychnine ; Belladonna ; Aconite ; Chloroform ; Chloral Hydrate ; Cyanides. (2) Duties of medical men in cases of Poisoning as regards observation ; Treatment and Preservation of parts for Analysis. (3) Preliminary Tests for Poisonous Substances for Clinical Use before reference to an Analyst.

IV. Medico-legal points in connection with :—Pregnancy, Delivery, Rape, Criminal Abortion, Infanticide, Assaults and Homicide, Wounds and other external Injuries ; Mental Capacity in relation to Criminal Responsibility, Contracts, and Wills ; Malpractice, and Neglect of Duty.

V. Forms of Insanity. Examination of persons supposed to be insane. The Lunacy Laws in so far as they affect the Medical Practitioner when signing Certificates of Lunacy.

Hygiene.

I. WATER, in its relation to Health and Disease :—(1) The Character and Classification of Drinking Water. (2) The Causes and Sources of the Impurities found in Water and Methods of Purification. (3) The Diseases conveyed by Water, and the Methods of dealing with Epidemics of such Diseases.

II. AIR, in relation to Health and Disease :—(1) The Causes and Sources of the Impurities found in Air. (2) The Diseases conveyed through the Air. (3) The Quantity of Air necessary for Health ; the Principles of Ventilation.

III. SOIL, in relation to Health and Disease :—(1) The Causes and Sources of the Impurities in the Soil, and the Methods of dealing with them. (2) Diseases connected with the Soil. (3) The Methods of dealing with Excreta and Sewage.

IV. FOOD, in relation to Health and Disease :—(1) Dietetics. (2) The common Adulterations of the chief Articles of Diet. (3) Diseases connected with Deficiency or Impurity of Food-supply.

V. The Dwelling, in relation to Health and Disease :—The Principles of House Drainage.

VI. The Principles of Disinfection, and the mode of Action of the chief Disinfecting Agents.

VII. The Provisions of the Act for the Notification of Disease.

Pathology and Bacteriology.

The Examination will be partly written, partly *viva voce*. Candidates will be expected to possess a knowledge of:—

(*a*) *General Pathology*, including Degenerative Processes, Inflammation, Morbid Growths, etc.

(*b*) *General Etiology*, with reference to Parasitic and Infective Diseases.

(*c*) *Systematic Pathology*, the more important diseases of the principal systems and organs of the body.

(*d*) *Bacteriology*, to include the General Morphology and Life History of Micro-Organisms; Characters of Organisms Pathogenic to the Human Subject, and their modes of producing diseases, etc.

At the oral examination candidates will be examined on gross and microscopical preparations, and will be expected to possess a knowledge of the Preparation of Culture Media, Methods of Isolation and Cultivation, Staining, Separation of Bacterial Products, Inoculation.

(2.) Candidates for this examination shall be required to furnish certificates to the following effect, viz.:

(*a*) Of having passed the Preliminary Examination, or other examination recognized as sufficient, at least three academic years previously, and of having completed their sixteenth year before the passing of said examination.

(*b*) Of having, after passing the Preliminary or other equivalent examination, attended either in this University, in the Halifax Medical College, or in some other School of Medicine approved by the Senate, the courses of lectures, etc., prescribed above for candidates for the Primary M. D., C. M. Examination.

(*c*) Of having passed the Primary M. D., C. M. Examination at this University, or of having, subject to the regulations of § LXII, passed the same examination at the Halifax Medical College, or at some other Medical School or College specially recognized by the Senate.

(*d*) Of having, after passing the Preliminary Examination, attended at the Halifax Medical College, or at some other College or School of Medicine approved by the Senate, during at least one medical session of eight months' duration, the following courses of lectures and instruction, viz.: *Materia Medica*, a course of at least 75 lectures; *Therapeutics*, a course of at least 25 lectures; *Medical Jurisprudence (including Insanity)*, a course of at least 50 lectures and demonstrations; *Hygiene*, a course of at least 25 lectures and demonstrations; *Pathology and Bacteriology*, a course of at least 150 hours of lectures, demonstrations and laboratory work.

(*e*) Either of having, after passing the Preliminary Examination, attended at the Halifax Medical College, or at

some other College, approved by the Senate, one course of instruction of at least thirty lessons in Practical Dispensing, or of having, after passing the Matriculation Examination, had three months practice in the dispensing of drugs with a registered apothecary or dispensing medical practitioner.

(*t*) Of having, after passing the Preliminary Examination, attended the Post Mortem Examinations in a recognized Hospital for a period of at least six months, during which they have received practical instruction in the methods of making post mortem Examinations and in framing Reports. Such certificate to be accompanied by reports of at least six autopsies which the candidate has attended.

(B). FINAL EXAMINATION, SECT. B.

(1.) This Examination will include the following subjects:—Surgery, Clinical Surgery, Medicine, Clinical Medicine, Obstetrics and Diseases of Women and Children.

Surgery.

The Examination in this subject will be partly written and partly *viva voce*. The candidates will be expected to possess a knowledge of the Principles and Practice of Surgery, of Surgical Pathology, Surgical Anatomy, and Operative Surgery. They will also be examined on the more common Diseases of the Skin, of the Eye, Ear, Throat, and Nose.

Clinical Surgery.

This Examination will be partly practical and partly oral. Cases will be submitted for diagnosis and treatment. Candidates will also be examined on the application of Splints and Bandages, and on the uses of Surgical Instruments and Appliances.

Medicine.

In this subject there will be a written and an oral examination on the Clinical History, Causes, Diagnosis, Prognosis and Treatment of the Diseases of the different Systems and Organs of the Body. The examination will also include Infectious Diseases, Constitutional Diseases, Mental Diseases, and Diseases of the Nervous System. Candidates may also be questioned on Medical Anatomy and on Therapeutics.

Clinical Medicine.

The Examination in Clinical Medicine will be partly practical and partly oral. Patients will be submitted for Examination, Diagnosis and Treatment. Examination of specimens of Urine, Sputa, etc., will be required.

Obstetrics and Diseases of Women and Children.

In these subjects there will be a written and an oral examination, which will embrace the following:—

(*a.*) The Anatomy and the Physiology of the Female Organs of Reproduction.

(*b.*) The Physiology, Pathology and Therapeutics of Pregnancy.

(*c.*) Parturition, natural and morbid.

(*d.*) Hygiene, Pathology and Therapeutics of the Puerperal State.

(*e.*) Hygiene, Pathology and Therapeutics of Infancy and Childhood.

(*f.*) Special Pathology and Therapeutics of the Female Organs of Reproduction.

At the oral examination, candidates may also be questioned on Gynæcological Operations and the use of Instruments and Appliances.

(2.) Candidates for this examination will be required to furnish certificates to the following effect, viz.:

(*a.*) That they have completed their twenty-first year, or that they will have done so, on or before the day of graduation. This certificate shall be signed by themselves, and shall be after the following form:

HALIFAX....., 19....

I, the undersigned, being desirous of obtaining the Degrees of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, (or if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day), and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A. B.

(*b.*) Of having passed the Primary M. D., C. M. Examination at this University, or having subject to the regulations of § LXII, passed the same examination at the Halifax Medical College, or at some other Medical School or College specially recognized by the Senate.

(*c.*) Of having passed the First part (Sect. A) of the Final Examination, in Materia Medica, Pharmacy, and Therapeutics; Medical Jurisprudence and Insanity, and Hygiene; and Pathology and Bacteriology.

(*d.*) Candidates who have not passed Sect. A of the Final Examination may by special permission of the Faculty be allowed to complete their Final Examination in both sections at the same time.

(*e.*) Of having, after passing the Preliminary Examination, attended during four academic years, (as in § LVIII) at least two courses of lectures per year in subjects of the Primary and Final M. D., C. M. Examinations, either in this University or at the Halifax Medical College, or at some other Medical School or College recognized by the Senate.

(*f.*) Of having, after passing the Preliminary Examination, attended at the Halifax Medical College, or at some other College or School of Medicine approved by the Senate, during at least two medical sessions each of eight months' duration (*a*) the courses of lectures, etc., prescribed for Sect. A. of the Final

Examination, and (*b*) having also attended two courses of at least 75 lectures in each of the following, viz.: *Surgery, Medicine, Obstetrics and Diseases of Women and Children, Clinical Surgery, Clinical Medicine;* and one course of at least 25 lectures and demonstrations in *Ophthalmology, Otology and Laryngology.*

(*g.*) Of having, after passing the Preliminary Examination, attended a course in Operative Surgery, and of having performed operations on the dead body to the satisfaction of the Teacher.*

(*h.*) Of having, after passing the Preliminary Examination, attended during at least twelve months the practice of the Victoria General Hospital, or that of some other Hospital approved by the Senate.

(*i.*) Of having, after passing the Preliminary Examination, attended during at least six months, the practice of a Dispensary, or of the out-patient department of a General Hospital.

(*j.*) Of having, after passing the Preliminary Examination, attended at a Hospital or Dispensary courses of practical instruction of at least 25 lessons or demonstrations each in Medicine and in Surgery, including: — the methods of examining various organs and other parts of the body, in order to detect the evidence of disease or the effect of accidents —the employment of instruments and apparatus used in diagnosis or treatment, the examination of the Urine and other secretions, and of morbid products.

(*k.*) Of having, after passing the Preliminary Examination, served at least six months as a dresser in the Surgical wards, and six months as a Clinical Clerk in the Medical wards of a recognized Hospital, or otherwise giving satisfactory evidence of practical work in Surgery and Medicine.*

(*l.*) Of having, after passing the Preliminary Examination, attended for at least six months the practice of a lying-in hospital, approved by the Senate, and of having attended at least four cases of midwifery, under a recognized practitioner.*

(*m.*) Of having, after passing the Preliminary Examination, received instruction and attained proficiency in the practice of Vaccination, under a recognized medical practitioner. *

2. The final M. D., C. M. Examination will be held in the second and third weeks in April. Candidates are required to

* Blank certificates will be issued to candidates, which must be filled out and signed by the proper authorities.

hand in their applications and to transmit as far as possible the certificates specified above for Section A or Section B, as the case may be, to the Secretary of the Faculty, at least fourteen days before the date of the Examination, and the remainder of the required certificates not less than two days before the date of the Examination, to enter their names in the register of undergraduates before the date of the examination, and to pay before the date of the examination, one-sixth of the amount of the graduation fee in the case of candidates for Section A, and one-third of the graduation fee in the case of candidates for Sect. B.

3. Candidates who may have been exempted from passing the Primary Examination under the provisions of § LXIII, (2), (*b*) will be required to pay the balance of the full graduation fee before being admitted to the last part of the Final Examination.

4. A candidate having failed to make 50% in any subject of Sect. B of the Final Examination will also be required to pass again in any other subject in which he may have made less that 60% with or without evidence of further attendance on such subject or subjects as the Faculty, in their discretion, may determine. At all such Supplementary Examinations candidates are required to make at least 60% in each subject.

§ LXIV. — Medals and Prizes.—MEDICAL FACULTY GOLD MEDAL.—This Medal will be awarded on graduation to the student who stands first at the Final M. D. C. M. Examination (Section B).

DR. LINDSAY'S GOLD MEDAL.—This Medal will be awarded to the student who stands first among those taking Section B of the Primary M. D. C. M. Examination.

THE SIMSON PRIZE.—An Annual Prize of twenty-five dollars is offered by Frank Simson, Esq., to be awarded to the student who, at the end of his third year, has passed the best examinations in Chemistry, Practical Chemistry, Materia Medica, and Therapeutics.

CHEMISTRY PRIZE.—N. E. MacKay, Esq., M. D., of Halifax, offers an annual prize of Forty Dollars in Chemistry. The prize is open for competition to medical students of the Senior Chemistry Class.

§ LXV.—Residence.—All students are required to report their places of residence to the President on or before the day appointed in the University Almanac (October 14th.)

All students not residing with relatives or friends are required to reside in lodging houses approved by the President.

§ LXVI.—Disipline.—The Senate may use all means deemed necessary for maintaining discipline.

§ LXVII.—Academic Costume, etc.—1. Undergraduates and general students attending more than one class, are entitled to wear caps and gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

2. Doctors of Medicine of this University shall be entitled to wear black stuff gowns and hoods. The hoods shall have a lining of scarlet silk bordered with white silk.

3. Successful candidates for this degree shall be required to appear at Convocation in academic costume to have the degree conferred upon them. Degrees shall not be conferred in the absence of the candidate, except by special permission of the Senate.

4. Before receiving his degree, the candidate will be required to sign the following oath or affirmation :—

SPONSIO ACADEMICA.

In facultate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo :—me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitæ halitum, perseveraturum. Tum porro Artem Medicam caute, caste, probeque exercitaturum et quoad potero, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum. Quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

§ LXVIII. — Fees.—The following fees, payable by students and candidates for the degrees of M. D., C. M., are in all cases payable in advance.

Registration	$ 2 00
Junior Chemistry Class Fee (including Laboratory Fee)*	10 00
Senior " " " "	12 00
Elementary Biology Class Fee (including use of microscopes and reagent)	12 00
Physics	6 00
Graduation Fee†	30 00
Gymnasium Fee, by all male students attending more than one class	1 50

*All students taking classes in the chemical laboratory are required to make a deposit of Two Dollars on entering the class. This amount, or if charges for breakage have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of his laboratory course.

† Students who have paid $30.00 or upwards as Examination Fees are not required to pay any additional Graduation Fee

Institutions.

THE UNIVERSITY LIBRARIES.

In the Calendar for 1869-70 a section on the Library, evidently drafted by Prof. Macdonald, Secretary of the Senate, appears for the first time. "Through the liberality of a number of friends of the College, a library has been formed, which consists of a careful selection of the most useful works in each department of study, embraced in the University course. There are likewise a few works in general literature. The library embraces in all upwards of 1100 volumes." Ten years later the number of books did not exceed 2000; twenty years afterwards there were but 3250 volumes; thirty years later 8050 volumes were reported; to-day the Arts Library contains about 10360 volumes and about 2400 pamphlets.

Within a year of the organization of the Faculty of Law, 3000 volumes were presented for a Law Library. This Library is under the control of the Law Faculty and now numbers about 6500 volumes. See § LV. of the Calendar relating to that Faculty.

The Arts Library contains the MACKENZIE COLLECTION of works on Mathematical and Physical Science, which was presented to the College by the relatives of the late Professor J. J. Mackenzie; the ROBERT MORROW COLLECTION of works on Northern Antiquities and Languages, presented by Mrs. Robert Morrow; the SETH COLLECTION of Philosophical works, purchased with the proceeds of a course of public lectures on Psychology given by Professor James Seth; the DEMILLE MEMORIAL, presented by Professor MacMechan from the proceeds of a course of Lectures on Shakspere; the LAWSON LIBRARY, presented by the daughters of the late Professor George Lawson, LL. D.; the MCCULLOCH COLLECTION, from the Library of the Late Rev. W. McCulloch, D. D.; and the EDWIN P. ROBINS MEMORIAL COLLECTION of Philosophical books; also the following CLASS MEMORIAL COLLECTIONS:—

Class of 1894: Classical Dictionaries.
Class of 1895: Sophocles' Plays and Bacon's Works.
Class of 1896: Jesuits' Relations.
Class of 1897: Dryden's Works, and Economics.
Class of 1898: Standard Editions of Plato and of Aristotle.
Class of 1899: New English Dictionary, General Literature.
Class of 1900: Dictionary of National Biography.

The additions to the Library since May, 1900, number nearly 1000, of which about 400 are pamphlets, and reports. An appeal by the Students of the Mission and Bible Study Classes brought in 82 volumes on Missions and Bible Study. Several pamphlets and volumes by Canadian writers were presented by President Forrest and others. Through the kindness of the Superintendents of Education for Nova Scotia, New Brunswick and British Columbia, fairly complete sets of the reports of those provinces were obtained.

The Class Memorials continue to grow and materially increase the usefulness of the Library. The *Jesuits Relations*, the gift of the Class of 1896 has now reached the 60th volume. The set is to contain 73 volumes. The New Oxford Dictionary—the Great English Dictionary—is the gift of the Class of 1899 which has also given 104 volumes in General Literature and has promised more. The Class of 1900 has completed the Dictionary of National Biography. These gifts will increase in value and usefulness. For the information of contributors, a brief summary of the Class Memorial Accounts, as laid before the Senate and audited, is to be found at the end of this report.

The Class of 1901 has generously given $100.50 for a Class Memorial. The form, which the Memorial is to take, has not yet been determined.

To Dalhousie College Library Fund, Two Thousand Dollars for the purchase of books, chiefly in English Literature; the annual interest of this sum only to be employed or used. This extract from the will of the late Professor Macdonald describes the most important gift the Library has ever received. The value of an endowment cannot be overestimated. A regular, though small, income promotes efficiency much more than larger sums given at irregular intervals. If books can be bought as need for them arises, the purchases will bring in fewer books that become antiquated in a few years, and at the same time the Library will not be compelled to wait several years after a good book has appeared before it can secure it for its readers. Is it too much to expect that within five years the Library Endowment Fund will reach Five Thousand Dollars? The need for books of reference is very urgent. In several departments the professors find it necessary to place their own libraries at the disposal of the students in order to enable them to do their work satisfactorily. This, of course, results in great inconvenience, to say nothing of loss, to the teacher. Such books seldom stand more than four or five years' wear and tear. An annual income of two hundred and fifty dollars to be expended solely in the purchase of books would enable us to keep the reference shelves fairly well supplied.

Messrs. Norman Murray and Campbell Macdonald of the First Contingent from Canada to South Africa have given several numbers of *The Friend, Bloemfontein*, conducted by the War correspondents with Lord Roberts' force; also the *Bloemfontein Post* and the *Johannesburg Gazette.*

The following graduates have presented copies of their publications to the "Dalhousie Corner." Dr. J. Waddell: *A School Chemistry*; Dr. A. S. Mackenzie: *The Laws of Gravitation;* Dr. J. D. Logan: *The Principles of Style Applied;* Dr. J. W. Tupper: *A Study of Pope's Imitations of Horace:* James Barnes, M. A.: *On the Depression of the Freezing Point, etc.;* T. C. Hebb, B. A.: *On the Variation of the Rigidity of Vulcanized India Rubber*; C. M. Pasea, B. Sc.: *On the relative Bulk of Weak Aqueous Solutions of certain Sulphates;* C. F. Lindsay, B. A.: *Presence of Acid Sulphate of Copper in Mixtures of Aqueous Solutions of Sulphuric Acid and Copper Sulphate.*

The following have presented books or pamphlets:—Class of 1900, 35 vols; Class of 1899, 19; Class of 1896, 12; President Forrest, 35; Alumni Association, 20; A. W. Routledge, B. A., LL. B., 12; T. H. Croskill, Esq., 12; Dr. Lindsay, McMillan & Co., G. Bell & Co., 18 each; Relatives of the late Rev. D. Sutherland, 13; Prin. J. B. Calkin, 11; Dr. J. G. MacGregor, Mrs. M. B. Spain, Rev. E. A. McCurdy, each 10; James Bain, 9; Family of the late Dr. Morrison. 8; F. B. Crofton, Dr. MacMechan, Rev. W. O. Raymond, L. Allison, B. A., 7 each; Rev. Thos. Stewart, Rev. A. Gandier, and Rev. W. H. Smith, M. A., 6 each; Prof. W. C. Murray, 31; J. S. C. Moore, Dr. Gordon, H. D. Brunt, 4 each; the late Professor Macdonald, Dr. J. D. Logan, Early English Text Society, Prof. Liechti, Toronto Univ., 3 each; A. H. R. Fraser, LL. B., J. F. Morrison, R. Campbell, T. C. James, Bryn Mawr Univ., 2 each; Sir John Bourinot; Dr. J. Davidson; J. H. Norman, H. J. Morgan, Walter C. Smith, Augustana Library, Prof. Baskforth, R. Layton, B. A., Rev. G. A. Grant, M. A., E. C. Jeffrey, Miss Mary Ritchie, D. C. Heath, Rev. J. W. Falconer, A. M. Young, Miss. Louise Young, A. A. Moore, Mrs. McWilliam, Miss Jean Gordon, Rev. T. Fullerton, A. S. Mackay, Rev. Mr. Whidden, W. H. Hepburn, M. A., Longmans & Co., Dr. Rankine Dawson, Dr. G. M. Dawson, Mrs. Alex. Campbell, A. W. Robb, Rev. D. Fraser, 1 each.

Reports have been received from—the Supt. of Educ. N. B., 85; Supt. of Educ. N. S., 57; Supt. of Educ. B. C. 24; Govt. of N. S., 30; Dom. Govt., 23; Meteorological Dept., 15; U. S. Dept. of Agriculture, 12; Univ. of the State of New York, 6; Ont. Dept. of Agriculture, 4; Geological Survey, 3; Numismatic and Antiquarian Society, Mont., Toronto Univ.,

Smithsonian Institution, U. S. Commissioner of Educ., 3 each; Halifax City, Yale, Nebraska Univ., Princeton, Cambridge, Roy. Soc. Can., Canadian Institute, Cornell, Cape of Good Hope, School for the Blind, Deaf and Dumb Institution, Ont. Educ. Dept., Norway, 185, Exhibition Comm., Roy. Coll. Surgeons, Eng., Toronto Library, U. S. Naval Observ., Johns Hopkins, Legislative Library N. S., Man. Govt., B. C. Govt., McGill, Ont. Govt., 1 each.

Calendars and reports have been received from the following Universities and Colleges:—Edinburgh; Glasgow; Aberdeen; St. Andrews's; London; Durham; Bristol; Victoria; Dundee; St. Mungo's; Trinity Coll., Lond.; Lond. Hosp. and Med. Coll.; Sydney; Melbourne; Nancy; Buenos Aires; Princeton; Yale; Harvard; Michigan; Columbia; Columbian; Johns Hopkins; Cornell; Chicago; Brown; Smith; Lake Forest; Bryn Mawr; Mass. Institute of Technology; Vassar; Howard; Haverford; Nebraska; Colorado; Wellesley; Radcliffe; Mt. Holyoke; Lehigh; Northwestern; Syracuse Med. Coll.; Manitoba; Toronto: McMaster; St. And. Coll., Tor.; Queen's; McGill; Bishop's College; Trinity; Victoria; Western Univ., Ont.; Laval; Morrin; Ottawa; Knox; Presbyterian Theol. Coll., Halifax; New Brunswiek; Mount Allison; Acadia; King's; Prince of Wales; St. Joseph's; St. Dunstan's; St. Francis Xavier; St. Boniface; Niagara Falls; Antigonish; St. John's, Winnipeg; Presbyterian Theol. Coll., Montreal; Wesleyan Theol. Coll., Mont.; L'Academie Commerciale, Montreal; Chicago, Auburn and Hartford Theol. Seminaries; Halifax Lad. Coll.; School of Mining, Kingston.

Periodicals have been regularly placed on the Reading Tables and in many cases given to the Library by the following:—Prof. C. Macdonald: *Nineteenth Century;* Prof. J. G. MacGregor: *Contemporary Review, Nature, Philosophical Magazine, Physical Review, Science Abstracts;* Prof. W. Murray: *Mind, Nation, Int. Jo. of Ethics; Psychol. Rev.; Philos. Rev.; Educationul Review, N. Y.;* Prof. E. Mackay: *Chemical News, Popular Science Monthly;* A. H. R. Fraser, Esq. Ll. B.: *American Historical Review, English Historical Review;* from other sources: *Classical Review, Educational Review N. B.; Book Reviews, Economic Studies, Publications of American Economic Association.*

The Library has been open five days each week of the session from 10 to 1 and from 3 to 5 p. m. About 4000 books were taken out from May, 1900, to May, 1901. Between 50 and 60 readers per day made use of the Library. Students have free access to all catalogued books.

Stock was taken in November. In addition to those previously reported, 67 books were missing, but of these 49 have

been recovered. Also 8 of those reported missing previously have been recovered. The net loss for the year is thus 10. Last year it was 13. The number of books on catalogue May 5th, 1893, was 1272, May, 1901, about 7000. During the interval 171 titles were removed from the Catalogue, though only 27 represented lost books. The total number of books reported missing May, 1894, was 66; May, 1901. 129—an increase of 33. These, with the 27 removed from the Catalogue, make a loss of 60 for seven years.

Mr. Charles A. Myers discharged the duties of Assistant to the Librarian in a very efficient manner.

Abstract of Current Class Memorial Accounts:

CLASS OF 1896.

Receipts.

1900, May 4.	Reported to date	$137 50
1901, May 8.	From R. M. MacGregor	45 00
		$182 50

Expenditures.

1900, May 4.	Reported to date	$136 50
1900, May	Burrows Bros	21 00
1900, Dec. 7.	" "	20 00
1901, April 8.	" "	25 00
		$202 50

CLASS OF 1899.

Receipts.

1900, May 4.	Reported to date	$205 50
1901, May 8.	From A. H. S. Murray	26 00
		$231 50

Expenditures.

1900, May 4.	Reported to date	$148 21
1900, May 20.	H. Sotheran & Co., &c	54 75
1901, May 8.	Sotheran, &c	7 64
		$210 60

CLASS OF 1900.

Receipts.

1900, May 4.	From A. R. Cunningham	$121 50
1900, Dec.	Interest, Depos. Receipt	2 20
		$123 70

Expenditures.

1900, Dec.	T. C. Allen & Co., Dict. of Nat. Biog. 35 vols. at $3.66 per vol	$128 10

THE UNIVERSITY MUSEUM.

The Museum* consists chiefly of the THOMAS MCCULLOCH and the PATTERSON COLLECTIONS.

THE THOMAS MCCULLOCH COLLECTION was presented to the University in 1881, by the late Rev. William McCulloch, D. D., of Truro, with a fund of $1,400 for extending the collections. It formed the museum of Prof. Thomas McCulloch, who occupied the chair of Natural Philosophy from 1863 to 1865. It contains a large and valuable collection of birds, especially of the native birds of the Maritime Provinces, many specimens of minerals, especially of Nova Scotian species, also rock specimens, a set of Carboniferous fossils, chiefly Nova Scotian, and a collection of European Cretaceous fossils, Indian implements, shells of recent Mollusca, native plants, &c. These collections were made in part by Rev. Thomas McCulloch, D. D., the first President of the College. The McCulloch collection of birds has recently been increased by additions paid for out of the McCulloch Museum Fund. An arrangement has been made with Mr. T. J. Egan, by which his valuable collection, containing about 30 cases of native birds, has been placed in the Museum on loan.

THE PATTERSON ARCHÆOLOGICAL COLLECTION.—This collection of Indian Antiquities was made by the late Rev. George Patterson, D. D., LL. D., F. R. S. C., while engaged during a number of years in researches regarding the history and modes of life of the aborigines of Nova Scotia. The collection was presented by him to the College in 1889, on the condition that the Governors should make suitable "provision for the preservation and exhibition of the same, in such a manner as is usual in well managed Museums. It is kept as a separate collection. It contains 288 specimens, separately catalogued, and is arranged conveniently for reference About 250 of the specmens have been obtained in Nova Scotia. They illustrate the stone age of its aboriginal inhabitants, and form an almost complete representation of the articles usually found among the remains of the native races of North America. There are also a number of similar articles from the United States, Scotland, the West Indies, and especially the New Hebrides. The classified catalogue of the collection, which is arranged according to the method adopted in the description of the archæological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

* The Provincial Museum, in the New Provincial Building, contains collections illustrating the Mineralogy, Geology, and Zoology of the Province, and is open to the public daily. It may be conveniently used by students.

The Zoological Section of the Museum, containing between 500 and 600 specimens has been catalogued by Dr. A. Halliday, Lecturer on Zoology.

The following specimens have been presented by Miss M. Ross, M. A.: Tapa cloth from Hawaii; 50 mounted specimens of Sea-weed from Waipahu, Oahu, Hawaii.

THE GYMNASIUM.

All male students on paying the regular fee of one dollar and fifty cents are entitled to the services of the Instructor and to the use of the Gymnasium. During the past session instruction was given by Sergt.-Major Long.

In future the Gymnasium will be under the management of a Committee of Six, of whom three are to be appointed by the Senate and three by the Dalhousie Amateur Athletic Club. The representatives of the Senate for the session 1901-2 are President Forrest, Dr. MacGregor and Prof. Liechti.

THE ALUMNI ASSOCIATION.

(Incorporated 1876.)

EXTRACT FROM THE LAWS.

1. The object of the Association shall be the promotion of the interests of the University.

2. The Association shall consist of Ordinary and Associate Members.

3. All Graduates of the University, all persons who, during at least one academic year, have been registered students, either of Dalhousie College or of colleges which have been merged in or united with Dalhousie College, and all other persons who have at any time been educated by means of the funds of Dalhousie College, shall be eligible for ordinary membership. But no persons other than graduates shall become members until three years have elapsed from the date of their first entering the college, except by special permission of the Executive.

4. Persons not eligible for membership under Section 3 may be elected Associate members.

ABSTRACT OF MINUTES OF ANNUAL MEETING.

The Annual Meeting of the Association was held in the College on the evening of April 29th, the President, Mr. J. W. Logan, in the chair.

The President gave his address and the reports of the Executive, the Treasurer and the Local Branch, were received and adopted. Owing to the absence of Dr. MacGregor, the Dean of the Science Faculty, no report of the expenditure of the grant of $150 to the Science Faculty was presented.

The Treasurer's report showed a balance on hand larger than that of any previous year. He called attention to the fact that only 50 of the 206 members had paid their dues.

Receipts.

Balance on hand April, 1900	$ 97 07
Dues for current year	216 35
Special subscriptions	122 00
	$435 42

Expenditure.

Paid Dean of Science Faculty	$ 150 00
Postage, printing, etc	10 20
Balance on hand	275 22
	$435 42

Of this balance $100 is due Dr. MacGregor. The grant to the Science Faculty for the coming year was increased to $250 —$50 to be placed at the disposal of the Lecturer on Geology for the purchase of Maps, etc.

The following officers were elected for the ensuing year :—

President	J. W. Logan, B. A.
1st Vice-President	E. D. Farrell, M. D.
2nd Vice-President	R. T. MacIlreith, Ll. B.
Secretary	W. J. Leahy, Ll. B.
Treasurer	S. A. Morton, M. A.
Other Members of Exec. Committee	E. Mackay, Ph. D. J. G. MacGregor, D. Sc. J. H. Trefry, M. A. G. M. Campbell, B. A., M. D. L. H. Cumming, Ll. D.
Auditors	W. A. Lyons, Ll. B. H. B. Stairs, B. A., Ll. B.

STUDENTS' SOCIETIES.

University Students' Council.

Meetings are held regularly in November and February to conduct business in which all the students of the University are interested. Special meetings may be called by the President at any time.

OFFICERS.

President	J. R. Millar, M. A.
Vice-Presidents	E. A. Macleod, B. A. M. A. Lindsay. W. P. Fraser.

Secretary-Treasurer ..... E. FRASER.

Executive Committee ..... G. H. GORDON.
G. A. CHRISTIE.
J. S. LAYTON, B. A.
F. B. A. CHIPMAN, M.A

Reading Room Committee ..... D. G. DAVIS.
E. M. FLEMING.
N. S. SANFORD.
A. R. CUNNINGHAM, B. A.
W. M. GOULD, B. Sc.
J. A. SCRIMGEOUR.

The DALHOUSIE GAZETTE is published by the students of the University under the authority of the Council.

The following have been appointed by the students of the Arts and Science Faculties as Editors for 1901-02:—

G. H. SEDGEWICK, (Arts, '02). K. F. MACKENZIE, Arts, '02).
W. R. MACKENZIE, (Arts, '02). H. H. BLOIS, (Arts, '03).
D. G. DAVIS, (Arts, '03). W. M. CORBETT, (Arts, '04).
P. J. WORSLEY, B. A., (Law, '02). A. C. CALDER, (Law, '02).
T. F. PHELAN, (Law, '03). A. R. CUNNINGHAM, B. A. (Med. '04).
Financial Editor ..... A. M. YOUNG.

Others will be appointed at the opening of the Session by the Lady Students, and the Students of the Faculties of Law and Medicne.

Art Students' Society.

This Society meets in October and April to conduct business in which the Arts Students alone are interested. Special meetings may be called at any time by the President.

OFFICERS.

President ..... E. W. COFFIN.
Vice-President ..... G. M. J. MACKAY.
Secretary-Treasurer ..... H. H. BLOIS.
Executive Committee ..... G. H. GORDON.
J. MALCOLM.
D. M. SMITH.

Law Students' Society.

The Society meets once a month for the transaction of business of interest to the Law Students.

OFFICERS.

President ..... M. J. MACNEIL.
Vice-President ..... N. J. LOCKHART.
Secretary-Treasurer ..... A. W. ROUTLEDGE, B. A.
Executive Committee ..... F. J. SUTTON.
F. B. A. CHIPMAN, M. A.
E. A. MACLEOD, B. A.

The Mock Parliament.

The Mock Parliament meets weekly. All students of the University are welcome, but only students in law are allowed to take part in the debates, which are mostly of a political nature, on questions of the day. It is conducted strictly in accordance with parliamentary procedure.

OFFICERS.

Speaker ..... D. F. MATHESON.
Deputy Speaker .....
Clerk ..... A. C. CALDER.
..... F. B. A. CHIPMAN, M. A.

The Medical Debating Club.

The meetings of this Society are held weekly throughout the session. Topics of general interest are discussed, and papers on medical subjects are read.

OFFICERS.

President ..... E. R. FAULKNER, B. A.
Vice-President ..... J. R. MILLAR, M. A.
Secretary ..... D. W. MACKENZIE, B. A.
Treasurer ..... W. T. M. MACKINNON, B. L.
Executive Committee ..... M. J. WARDROPE. D. MURRAY. R. L. BLACKADAR. J. S. LAYTON, B. A.

The Sodales Debating Club.

The Sodales Debating Club meets fortnightly during the session, subjects of general interest being discussed. A series of lectures by prominent public men will be given under the auspices of the club.

OFFICERS.

Honorary President ..... PROF. J. G. MACGREGOR.
President ..... E. M. FLEMING.
Secretary ..... W. M. CORBETT.
Treasurer ..... G. A. CHRISTIE.
Executive Committee ..... F. FRASER. L. A. DEWOLFE. L. J. MILLER, B. A. D. W. MACKENZIE, B. A.
Lecture Course Committee ..... E. W. COFFIN. F. S. VANCE, E. A. MACLEOD, B. A. W. G. MCKEEN. S. A. FULTON.

Young Men's Christian Association.

Meetings of the Association are held every Saturday evening at the College.

OFFICERS.

President.....F. S. VANCE.
Vice-President.....G. W. LANGILLE.
Recording Secretary.....A. A. SMITH.
Corresponding Secretary.....D. J. NICHOLSON.
Treasurer.....R. H. STAVERT.

Young Women's Christian Association.

Meetings of the Association are held every Monday afternoon at 5 o'clock.

OFFICERS.

President.....JESSIE B. CAMPBELL.
Vice-President.....MAY JOHNSON.
Treasurer.....ANNIE M. RAND.
Recording Secretary.....WINIFRED WEBSTER.
Corresponding Secretary.....FLORENCE BLACKWOOD.

The Moot Court.

The Moot Court is intended for law students only, so far as arguing is concerned. It is conducted as nearly as possible after the manner of the Supreme Courts; and all law students of second and third years' standing are required to take part in at least one case during the session. (See Law Faculty).

The Dalhousie Amateur Athletic Club.

OFFICERS.

Honorary President.....REV. PRESIDENT FORREST.
President.....J. J. MACKENZIE.
Vice-President.....M. A. LINDSAY.
Secretary.....G. S. STAIRS.
Honorary Treasurer.....R. T. MACILREITH, LL. B.
Executive Committee.....E. A. MACLEOD, B. A.; J. LYALL COCK.; F. B. A. CHIPMAN, M. A.; A. M. HEBB, B. A.; G. H. SEDGEWICK,
Trophy Committee.....R. T. MACILREITH, LL. B.; D. G. J. CAMPBELL.
Grounds Committee.....J. A. MACKINNON, B.A., LL.B.; R. T. MACILREITH. LL. B.; J. C. O'MULLIN, LL. B.

The Glee Club.

The Club meets once a week for the practice of glees and choruses.

OFFICERS.

Honorary President.....PROF. E. MACKAY.
President.....E. M. FLEMING.
Vice-President.....FANNIE COVEY.
Secretary.....V. D. RUGGLES.
Treasurer.....J. H. A. ANDERSON, B. A.
Executive Committee.....JEAN LINDSAY. KATHERINE MACKAY. WINIFRED READ. E. K. HARVEY. M. MACKINNON, B. L. B. J. WOOD.
Conductor.....W. R. SHUTE.
Accompanist.....F. J. MCMANUS.

The Philosophical Club.

Five or six meetings during the session are held by this Club for the discussion of current questions of philosophical interest.

OFFICERS.

Honorary President.....JOHN STIRLING, B. A.
President.....MARIA STEWART.
Secretary-Treasurer.....J. W. A. NICHOLSON, M. A.

The Delta-Gamma Society.

The Delta-Gamma Society meets bi-monthly during the session. All lady students are eligible for membership. Debates are held, and literary programmes are prepared.

OFFICERS.

President.....WINIFRED READ.
Vice-President.....GRACE RICE.
Secretary.....LOUISE L. THOMAS.
Treasurer.....HATTIE M. BAYER.

AFFILIATED COLLEGES.

Halifax Ladies' College.

President.....Rev. Robert Laing, M. A.

Principal.....Miss Ethelwyn Pitcher, B. A.

The object of the College is to provide a liberal education for young women. It has three departments of study,—the Primary, the Preparatory, and the Collegiate.

In the Collegiate department the course of study extends over three years, and includes English, French, German, Latin, Greek (optional), Mathematics, and Elementary Science. The teaching staff in this department in 1900-1901 has been as follows:

Miss Ethelwyn Pitcher, B. A., with Hons. in Philosophy (McGill), *Mathematics.*

Mrs. Margaret F. Trueman, M. A., with Hons. in English, History, (Dal.), *Classics, Literature and History.*

Miss E. B. Hunter, B. A., with Hons. in Modern Languages and English, (U. N. B.), *English, etc.*

Miss S. Ganong, B. A. (Smith College), *Science.*

Miss Blanche Lehigh, A. T. C. M. (Tor.), *Elocution.*

Miss Alice W. Corbin, *Shorthand, Book-keeping and Typewriting.*

Miss J. E. F. Mackenzie, B. A. (McGill), *English.*

Mlle. Marguerite Pasquet, Brevet Superieure de l'Academie de Paris, *French and German.*

Sergt.-Major Long, Army Gymnastic Staff, *Gymnastics and Calisthenics.*

Young women who have completed the three years' course are admitted to the first year in the Arts and Science Faculties in this University without examination in subjects which formed parts of the course.

The College Buildings, which include a Hall or Residence as well as Class Rooms and Assembly Hall, are situated in a central part of the City of Halifax, at a distance of about three-quarters of a mile from Dalhousie College. Young women who are registered students of Dalhousie College are admitted to the Ladies' College as boarders. The conditions of admission and the charges may be ascertained on application to the President.

The College has an Art Studio in which instruction in Fine Art is given by Mr. H. M. Rosenburg, Head Master of the Victoria School of Art and Design.

Halifax Conservatory of Music.

President.....REV. ROBERT LAING, M. A.

FACULTY OF INSTRUCTION.

Piano.—MR. PERCY GORDON, Graduate of the Royal Conservatory at Leipsic.

" MRS. M. WALLACE.

" MR. J. H. LOGAN, Graduate of the Royal Hochschule at Berlin.

" MR. DELBERT WEBSTER, New England Conservatory Boston.

" MISS HELEN TILSLEY, Graduate of the Royal Conservatory at Leipsic.

" MISS ESTHER CLARKE, Graduate of the Halifax Conservatory of Music.

" MISS LOUISE TUPPER, Graduate of the Halifax Conservatory of Music.

Violin.—MR. LEO ALTMAN, Graduate of the Royal Conservatories at Budapest and Vienna.

Viola.—MR. LEO ALTMAN.

Voice.—MR. CHAS. B. WIKEL, New York.

" MISS MABEL DAVIS, Boston.

Cello.—MR. DELBERT WEBSTER.

Organ.—MR. J. H. LOGAN.

Clarionet.—MR. HARRY HANSON.

Cornet.—MR. T. L. COVEY.

Flute.—MR. JAMES IVIMEY.

Bassoon and String Bass.—MR. HENRY STREETER.

Theory and Composition.—MR. PERCY GORDON.

Harmony.—MR. PERCY GORDON.

" MR. DELBERT WEBSTER.

History of Musicians.—REV. ROBERT LAING, M. A.

The classes in Theory, Composition, and Harmony, conducted by Mr. Gordon, and in History by Rev. R. Laing, are recognized by this University as qualifying for the Degree of Bachelor of Music.

The Conservatory opens on the first WEDNESDAY of SEPTEMBER, and closes on the last WEDNESDAY OF JUNE in each year.

Applications for information should be addressed to the President, REV. ROBERT LAING, *Halifax, N. S.*

University Lists.

DEGREES

Conferred April 30th, 1901.

DOCTOR OF LAWS.

(Honoris Causa)

FRASER, CHARLES FREDERICK M. A., (King's Coll.) *Principal of the Halifax School for the Blind.* In recognition of his eminent services in the cause of Education, more particularly the Education of the Blind.

SMITH, REV. THOMAS WATSON, D. D., (Mt. Allison). In recognition of his valuable researches in Canadian and Provincial History.

MASTER OF ARTS.

HEBB, THOMAS CARLYLE, B.A.—*By Examination in Pure and Applied Mathematics.*

MACDONALD, MURDOCH STEWART, B. A.—*By Examination in Metaphysics,*

MACKINTOSH, PETER DUNCAN, B. A.—*By Examination in Modern Philosophy.*

MURRAY, ADAM HENRY STEWART, B.A.—*By Examination in Pure and Applied Mathematics.*

MYERS, CHARLES ALLAN, B. A.—*By Examination in Modern Philosophy.*

OUTHIT, WILLIAM EDWARD, B. A.—*By Examination in Metaphysics.*

ROSS, WILLIAM ALEXANDER, B. A.—*By Examination in Moral Philosophy.*

BACHELOR OF ARTS.

BEST, LILLIAN GERTRUDE.....Grafton, N. S.
CHISHOLM, MAUD.....Dartmouth.
FORREST, JEAN FAIRBANKS.....Halifax.
GRANT, WILLIAM McDONALD.....New Glasgow.
HALLAM, WILLIAM THOMAS.....McAdam, N. B.
HARVEY, EDWARD KITSON.....Halifax.
KENNEDY, JAMES HORACE.....Halifax.
LAWSON, DAVID ALEXANDER.....Grafton, N. S.
LAYTON, ROBERT BLACKWOOD.....Marshfield, P. E. I.
MACCASKILL, JOHN JAMES.....Little Narrows, C. B.

MACDONALD, ARCHIBALD J.....Cape Breton.
MACDONALD, EWEN.....Murray Harbor Ro., P. E. I.
MACKINTOSH, FINLAY GRANT.....Springville,
MCKAY, WILLIAM ALFRED.....W. Branch River John.
MACKENZIE, LUTHER BURNS.....Bedford.
MACKIE, IRWIN CAMERON.....Brockton, Mass.
MACLEOD, COLIN ARTHUR.....Springhill.
MACPHERSON, MALCOLM JAMES.....Uigg, P. E. I.
MAIN, CHARLES OGG.....Kingston, Kent, N. B.
MILLER, LEMUEL JAMES.....Charlottetown, P. E. I.
MORRISON, FREDERICK AUGUSTUS, LL. B..Milltown, N. B.
NICHOLSON, WILLIAM.....River Charlo, N. B.
ROSS, DANIEL EDWARD.....Bedeque, P. E. I.
RUGGLES, VERNON DOUGLAS .....Halifax.
WILLIAMS, WINIFRED BOAK.....Boston, Mass.

BACHELOR OF SCIENCE.

BOEHNER, REGINALD STEPHEN.....Paradise.
GOULD, WILLIAM MATTHEW.....Halifax.
O'BRIEN, MARY AUGUSTA.....Noel.
WOOD, BURTON JUSTICE.....Lakeville, N. S.

BACHELOR OF LAWS.

CUMMING, LYMAN HODGE.....Westville.
HANSON, RICHARD BURPEE, JR., B. A.,
(Mt. All.) .....Bocabec, N. B.
KEITH, DONALD, JR., B. A., (Dal.).....Halifax.
MACNEIL, MALCOLM GEORGE.....R. Bourgeois, C. B.
MATHESON, DONALD FRANK.....St. Peter's, C. B.
MURRAY, NORMAN GRANT, B. A., (Dal.)....Halifax.
OLAND, JOHN CULVERWELL.....Dartmouth.
PUGSLEY, WILLIAM GAETZ, B. A., (Mt. All.).Amherst.
REGAN, OSMOND R.....Dartmouth.
REYNOLDS, MAYNARD MARTIN.....Halifax.
ROUTLEDGE, ARTHUR WESTON, B. A., (Dal.),.Sydney, C. B.
SUTTON, FRANCIS JAMES.....Moncton, N. B.

DOCTOR OF MEDICINE AND MASTER OF SURGERY.

O'DONNELL, FLORENCE MAUDE.....Halifax.
CROSBY, LEANDER MARSHALL.....Hebron, Yar. Co.
DICKSON, CHARLES HAROLD.....Pictou.
FAULKNER, EBENEZER ROSS, B. A., (Dal.)..Folly Village.
O'BRIEN, MILTON ADDISON, B. A., (Dal.)..Noel.
ROACH, EDWIN BISHOP.....Nappan.
ROBBINS, WELTON HAVELOCK.....Rossway, Digby.
WARDROPE, MONSON JAMES.....Milford.
THOMAS, LEWIS.....Dartmouth.
WOODLAND, GEORGE HART.....Wallace.

DEGREES

Conferred previously but not announced:

MASTER OF ARTS.

CHURCH, NINA ELIZABETH, B. A.—*By Examination in Latin.* (September 13th, 1899.)

BACHELOR OF ARTS.

ARMITAGE, REV. WILLIAM JAMES, (April 29th, 1901).
MCKEE, MABEL, (September 27th, 1900).

DOCTOR OF MEDICINE AND MASTER OF SURGERY.

REYNOLDS, WILLIAM PEARSON, (September 8th, 1900).
SALTER, ORLANDO RAY, (September 8th, 1900).
BRAINE, LAWRENCE BERNARD WILFRID, (November, 1900).

HONOURS, MEDALS, Etc., 1900-01,

HONOURS.

Classics.

BEST, LILLIAN G.....Honours.
HALLAM, WILLIAM T.....Honours.

Chemistry and Chemical Physics.

BOEHNER, REGINALD S.....Honours.

GENERAL DISTINCTION.

O'BRIEN, MARY A.....Great Distinction.
MACKIE, Irwin C.....Great Distinction.
FORREST, JEAN F.....Distinction.
HARVEY, EDWARD K.....Distinction.
MILLER, L. JAMES.....Distinction.
WILLIAMS, WINIFRED B.....Distinction.

GRADUATE PRIZE AND MEDAL.

O'BRIEN, MARY A.....Avery Prize.
FAULKNER, E. Ross, B. A., (Dal.).....Dr. Farrell's Gold Medal. (Final M. D., C. M.)

UNDERGRADUATES' SCHOLARSHIPS, AND PRIZES, MEDAL.

Junior Entrance Scholarships.

MACKAY, G. M. JOHNSTONE.....Sir Wm. Young Scholarship.
GORDON, WILHELMINA.....Professors' Scholarship.
CORBETT, WILLIAM MELVILLE....Sir Wm. Young Scholarship.
MACKENZIE, THOMAS G.....MacKenzie Bursary.
SCRIMGEOUR, JAMES A.....Sir Wm. Young, Scholarship.
RITCHIE, ALLAN B.....Sir Wm. Young, Scholarship.

Special Prizes.

MACCURDY, R. MABEL.....Waverley Prize, (Mathematics).
BLACKWOOD, FLORENCE E..... Dr. N. E. MacKay Prize. (Chemistry.)
MCKENZIE, KENNETH A.....Dr. Lindsay's Gold Medal. (Primary M. D., C. M).
HEBB, A. M., B. A. } ..... { Frank Simson Prize. (Chemistry and
FULTON, S. A. } ..... { Materia Medica).

EXAMINATIONS, 1900-01,

FACULTIES OF ARTS AND SCIENCE.

MATRICULATION.

BY EXAMINATION.

SENIOR.—*Passed:* Elliot. Laurie B.

Passed in certain subjects: Shaw, R. M., and Mackintosh, F. G. in *Greek* and *Mathematics;* McKay, W, A., in *Algebra;* Moody, Margaret H., in *Latin* and *Algebra;* Webster, Winifred M., in *Chemistry;* MacCurdy, Rahno Mabel, in *Mathematics;* Gordon, G. H., in *German.*

JUNIOR.—*First class distinction:* Mackay, G. M. J.; Gordon, Wilhelmina; Corbett, W. M.

Second class distinction: Mackenzie, T. G.; Scrimgeour, J. A.; Ritchie, A. B.; Bayer, Harriet M.; Mitchell, Gertrude C.; Archibald, Frank R.; Payzant, A. S.; Weldon, R. C., Jr.

Passed.—Bauld, D. S.; Parsons, W. H.

Passed conditionally.—Muir, D. H., Jr.; Spicer, H. J.

Passed in certain subjects.—Chisholm, Maud, and Macdonald, C. M., in *Latin;* Campbell, Jessie B., and Fraser, E., in *French;* Carruthers, J. S., Slayter, R., Boehner, R. S., and Fash, I. Mabel, in *German;* Johnson, T. R., in *History* and *Geography* and *Arithmetic;* Ferguson, A., in *Geometry;* Macdonald, C. M., and Johnston, A. J. D., in *Algebra.*

BY CERTIFICATE.

SENIOR.—*In all subjects:* MacCurdy, R. Mabel; McDonald, J. D.; Meek, J. G.; Mitchell, G. A.; Perkins, Ella D.; Roy, A.; Webster, Winifred M.

Partial.—Donovan, Florence E.; McDougall, E Mary; Young, L. L.

JUNIOR.—*In all subjects:* Acham, J. L.; Andrew, G. A.; Carney, M. J., Frame, H. A.; Fraser, E.; Johnson, May McN.; Kelly, W. L.; Miller, G. W.; Power, W. K.; Saunderson, Bessie M.; Smith, Olive W.; Spencer, Minnie G.; Trueman, J. M.

Partial.—Batton, Viola M.; Begin, T. S.; Bigney, Anna L.; Blackwood, Florence E.; Braine, Annie M.; Brunt, H. D.; Cameron, T. G.; Campbell, Margaret P. D.; Coffin, G. A.; Crowdis, C. J.; Elliott, G. R. B.; Elliott, Sarah P.; Ferguson, A.; Frame, S. A.; Fraser, W.; Kirker, E. A.; Lamb, A. S.; Langille, G. W., McDonald, R.; McIntosh, Mary G.; MacKean, G. A. R.; MacQueen, Georgina; Rackham, W. H.; Sutherland, R. H.

ADMISSION AD EUNDEM STATUM.

FOURTH YEAR OF ARTS COURSE.—Armitage, William James, (Univ. of Toronto); MacLeod, Colin Arthur, (Acadia Univ.).

SECOND YEAR OF SCIENCE COURSE.—DeWolfe, L. A., (Harvard Univ.).

SUPPLEMENTARY EXAMINATIONS.

LATIN.—*First:* Mackintosh, F. G.; (Dec. Exam.) McLeod, J. C.; Macdonald, A. J.

Second: Nicholson, D. J.; (Dec. Exam.) Bradley, J. A. Kennedy, J. H.; Moody, Margaret H.; (April Exam.) MacKenzie, W. R.

Third: Kennedy, J. H.; Moody, Margaret H.

GREEK.—*First:* Macdonald, A. J.; Macdonald, C.; McLeod, J. C.; (April Exam.) McDonald, W.; Smith, D. M.

Second: Macdonald, A. J.; Read, Winifred; Shaw, R. M.; MacCaskill, J. J.; (Dec. Exam.) McLeod, J. C.; Main, C. O.; Mackenzie, L. B.

Third: (Dec. Exam.) Mackintosh, F. G.

ENGLISH.—*First:* Vickery, R. E.

Second: McLeod, J. C.; Gould, W. M.

PHILOSOPHY.—*Junior:* Mackean, J. A.; McQueen, N.

Moral: McKee, Mabel.

MATHEMATICS.—*Junior:* (Algebra) Morrison, F. A.

Senior: Mackenzie, W. R.; (Trig. and Alg.) Mackenzie, L. B.; MacCaskill, J. J.; (Geometry) Macdonald, E.

PHYSICS.—*Junior:* Chisholm, Maud; Morrison, Bertha L.; McLeod, J. C.; Mackenzie, L. B.

CHEMISTRY.—*Junior:* Best, Lillian G.; Gordon, G. H.; Malcolm, J.; Nicholson, W.; Vickery, R, E.

Senior Practical: Moody, Margaret H.

DEGREE EXAMINATIONS.

CLASS LISTS.

Names are arranged in Alphabetical order in each division.

LATIN.

THIRD: *Class I*—Best, Lillian G.; *Coffin, E. W.; Hallam, W. T.; MacKenzie, K. F.; *Mackie, I. C.; Sedgewick, G. H. *Class II*—Christie, C. V.; Grant, W. M.; Ruggles, V. D. *Passed*—Bentley, Regina; Campbell, Jessie B.; Layton, R. B.; MacKenzie, W. R.; Morrison, Bertha L.; Morrison, F. A.; Myers, A. J. M.; Nicholson, W.; Rand, Annie M.; Richardson, Loie; Shaw, R. M.; Thomas, Louise.

SECOND: *Class I*—Donovan, Florence; MacCurdy, Rahno Mabel; Stairs, G. S. *Class II*—Coffin, W. H.; Daviss, A. E.; Lindsay, F. Jean; Webster, Winifred. *Passed*—Blois, H. H.; Cameron, G.; Davis, D. G.; Fash, Mabelle; Locke, E. C.; Loughead, G. W.; MacDonald, J. D.; MacDougall, E. May; MacKean, J. A.; McLeod, D. J.; Malcolm, J.; Matheson, C. W.; Meek, J. G.; Mellish, J. R.; Mitchell, G. A.; Roy, A.; Smith, D. M.; Young, A. M.; Young, L. L. *Passed in Dec. Examination*—Moody, Margaret. *Passed in April Examination*—Miller, G. W.; Upham, H. M.

FIRST: *Class I*—Brunt, H. D.; Corbett, W. M.; *Gordon, Wilhelmina. *Class II*—Acham, J. L.; Archibald, F. R.; Fraser, E.; MacKay, G. M. J.; Mackenzie, T. G.; Scrimgeour, J. A.; Trueman, J. M. *Passed*—Andrew, G. A.; Batton, Viola M.; Bayer, Harriet; Begin, T. S;; Bigney, Anna; Blackwood, Florence; Braine, Annie M.; Campbell, Primrose; Carney, M.; Coffin, G. A.; Crowdis, C. J.; Frame, H. A.; Haverstock, W. E.; Kelly, W. L.; Langille, G. W.; Logan, F. R.; McDonald, R.; McIntosh, Gertrude; Mackintosh, F. G.; Payzant, A. S.; Power. W. K.; Ross, W. M.; Spencer, Minnie; Spicer, H. J.; Sutherland, R. H.; Weldon, R. C. *Passed the April Examination*—Ferguson, A.; Frame, S. H.; Muir, D. H.; Parsons. W. H.

GREEK.

THIRD: *Class I*—Best, Lillian G.; Coffin, E. W.; Hallam. W. T. *Class II*—Christie, C. V. *Passed*—Bradley, J. A.; Grant, W. M.; Nicholson, D. J.; Rand, Annie M.; Richardson, Loie; Ruggles, V. D.; Sedgewick, G. H.; Stavert, R. H. *Passed Dec. Examination*—Mackintosh, F. G.

SECOND: *Class I*—MacCurdy, Rahno Mabel. *Class II*—Stairs, G. S. *Passed*—Blois, H. H.; Cameron, G.; Coffin, W. H.; Davis, D. G.; Daviss, A. E.; Fraser, H. J.; Layton, R. B.; Loughead, G. W.; Macdonald, A. J.; McLeod, D. J.; Malcolm, J.; Meek, J. G.; Smith, A. A.; Upham, H. M.; Webster, Winifred; Young, L. L. *Passed Dec. Examination*—McLeod, J. C.; Main, C. O.

FIRST: *Class I*—Corbett, W. M. *Class II*—Archibald, F. R. *Passed*—Acham, J. L.; Begin, T. S.; Coffin, G. A.: Frame, H. A.; Langille, G. W.; Logan, F. R.; Macdonald, A. J.; Macdonald, C.; MacKay, G. M. J.; McLeod, J. C.; Myers, A. J. M.; Parsons, W. H.; Ross, W. M.; Trueman, J. M. *Passed the April Examination*—Andrew, G. A.; Ferguson, A.; McDonald, R.; McDonald, W.

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* High First Class.

FRENCH.

THIRD: *Class I*—Williams, Winifred B. *Class II*—Chisholm, Maud; Thomas, Louise. *Passed*—Campbell, Jessie B.; Locke, E. C.

SECOND: *Class I*—Donovan, Florence; Gordon, Wilhelmina. *Class II*—Bayer, Harriet M.; Lindsay, Frances Jean; Mellish, J. R. *Passed*—Best, Lillian Gertrude; Matheson. Ch.; McCleave, A. R.; McKeen, W. G.; McManus, F. J.; Mitchell, G. A.; Payzant, S.; Perkins, Ella; Ritchie, A. B.; Smith, Olive W.; Tucker, H. S.; Young, A. McG.

FIRST: *Class I*—Fraser, E. *Class II*—Braine, Annie Morris; MacDougall, Euphemia M.; McKenzie, T. G.; Weldon, R. C. *Passed*—Bauld, D. S.; Bigney, Anna L.; Campbell, Margaret P.; Carney, J.; Crowdis, E. J.; Curry, St. L.; Elliott, G. R. B.; Fraser, W.; Kelley, W.; MacKean, G. R.; MacKay, G. M. J.; Muir, D. H.; Power, W. K.; Spencer, Minnie J.; Spicer, H. J.; Sutherland, R. H.; Vickery, R. E.; Wood, B. J.

GERMAN.

THIRD: *Class I*—*O'Brien, Mary Augusta. *Class II*—Cann, Jeanette A. *Passed*—Boehner, R. S.; Lindsay, M. A.; Wood, J. B.

SECOND: *Class I*—Grant, W. M.; McKay, W. A. *Class II*—Chisholm, Maud; Coffin, E. W.; DeWolfe, L.; Fash, Ida M.; Mackintosh, F. G.; Richardson, Lophemia. *Passed*—Campbell, J. A.; Gordon, G. H.; Matheson, Ch.; McDonald, J. D.; MacKenzie, K. F.; Roy, Alex.

FIRST: *Class I*—Haverstock, W. E.; Rielly, John F. *Class II*—Sproule, Mary. *Passed*—Elliott, Sarah P.; Elliott, G. R. B.; Frame, S. H.; Kirker, E. A.; McIntosh, Mary Gertrude; Ritchie, A. B.; Vickery, R. E.; Wilson, J. L.

ENGLISH.

SIXTH: *Class I*—Forrest, Jean F.; Miller, L. J.

FOURTH: *Class I*—Forrest, Jean F.; Miller, L. J. *Passed*—Bradley, J. A.; Chisholm, Maud; †Gordon, Jean A. M.; Howatt, I. B.; Kennedy, J. H.; Layton, R. B.; Liechti, Minnie; McKay, W. A.; Main, C. O.; Marshall, G. R.; Morrison, F. A.; Ross, D. E.; Ruggles, V. D.; Sproule, M. J.; Williams, Winifred.

THIRD: *Class I*—Cann, Jeannette A.; *Fraser, W. P.; *Mackenzie, K. F.; Mackenzie, W. R.; *Sedgewick, G. H. *Class II*—Bentley, Regina A. *Passed*—Read, Winifred; Richardson, Lois.

SECOND: *Class I*—Davis, D. G.; Fash, I. Mabelle; *Macdougall, E Mary; Stairs, G. S. *Class II*—Cameron, G.; Coffin, W. H.; Donovan, Florence; Lindsay, Jean F.; McCurdy, R. Mabel; Matheson, C. W.; Meek, J. G.; Mitchell, G. A.; Proudfoot, J. A.; Webster, Winifred; Young, L. L. *Passed*—Baxter, Elizabeth C.; Blois, H. H.; Currie, Anna D.; Daviss, A. E.; DeWolfe, L. A.; Elliott, L. B.; Fraser, H. J.; Gordon, G. H.; Locke, E. C.; Loughead, G. W.; McCleave, A. R.; McDonald, J. D.; McKay, D. L.; McKean, W. F.; Macleod, D. J.; Malcolm, J.; Mellish, J. R.; Miller, G. W.; Perkins, E.; Roy, A.; Smith, A. A.; Smith, D. M.; Upham, H. M.; Young, A. M.

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*High First Class.
†Passed by special resolution.

FIRST: *Class I*—Blackwood, E. Florence; Brunt, H. D.; Corbett, W. M.; Crowdis, C. J.; *Gordon, Wilhelmina; Haverstock, W. E.; *Class II*—Bayer, Harriet M.; Campbell, Primrose; Frame, H. A.; Power, W. K.; Scrimgeour, J. A.; Spicer, H. J.; Spencer, Thomas G. *Passed*—Acham, J. L.; Andrew, G. A.; Archibald, F. R.; Batton, Viola M.; Begin, T. S.; Bigney, A. L.; Braine, A. M.; Cameron, J. J.; Cameron, T. G.; Carney, M. J.; Coffin, G. A.; Elliot, Sarah P.; Elliott, G. R. B.; Frame, S. H.; Fraser, E.; Fraser, W.; Hudson, J. W.; Kelly. W.; Kirker, E. A. Langille, G. W.; Logan, F. R.; McDonald, R.; McIntosh, M. Gertrude; MacKay, G. M. J.; MacKean, G. A. R.; Mackenzie, T. G.; Muir, D. H.; Parsons, W. H.; Payzant, A. S.; Ritchie, A. B.; Ross, W. M.; Trueman, J. M.; Vickery, E. R.; Weldon, R. C.

HISTORY.

SENIOR: *Class I*—Forrest, Jean, F.; Lawson, D. A.; Miller, L. J.; Williams, Winifred B. *Class II*—Harvey, E. K. *Passed*—Bradley, J. A.; Kennedy, J. H.; Main, C. O.; Ross, D. E.

JUNIOR: *Class I*—MacKenzie, W. R.; Morrison, F. A.; Richardson, Lophemia; Thomas, Louise L. *Class II*—Christie, G. A.; Myers, A. J. W. *Passed*—Bentley, Regina A.; Campbell, Jessie B.; Christie, G. A.; Fulton, T. T.; Fraser, H. J.; Gordon, Jean A. M.; Grant, W. M.; Morrison, Bertha L.; Nicholson, D. J.; Nicholson, Wm.; Rand, Annie M.; Read, Winifred B.; Shaw, R. M.; Stavert, R. H.; Vance, F. S.

POLITICAL ECONOMY.

Class I—Forrest, Jean F.; Lawson, D. A.; Williams, Winifred, B. *Class II*—Harvey, E. K.; Morrison, F. A. *Passed*—Chisholm Maud; Christie, C. V.; Howatt, I. B.; Kennedy, J. H.; Layton, R. B.; McKay, W. A.; MacKean, Jas. A.; MacLeod, C. A.; Main, C. O.; Nicholson, W.; Ruggles, V. D.; Scrimgeour, Jas. A.; Vance, F. S.

PHILOSOPHY.

ADVANCED: *Class II*—Macpherson, M. J.

GREEK: *Class I*—*Cann, Jeanette A.; Forrest, Jean F., Harvey, E. K.; Howatt, J. B.; Lawson, D. A.; Miller, L. J.; Williams, Winifred B. *Class II*—Main, C. O.; Stavert, R. H.; Thomas, Louise L. *Passed*—Bentley, Regina A.; Bradley, J. A.; Campbell, Jessie B.; Grant, W. M.; Layton, R. B.; McKay, W. A.; MacKean, J. A.; Mackintosh, F. G.; MacLeod, C. A.; Macpherson, M. J.; McQueen, N.; Morrison, F. A.; Nicholson, D. J.; Nicholson, W.; Rand, Annie M.; Read, Winifred; Ross, D. E.

MODERN: *Class I*—*Cann, Jeanette A.; Harvey, E. K.; Howatt, J. B.; Mackie, I. C.; Macpherson, M. J.; Main, C. O.; Myers, A. J, W. *Class II*—Grant, W. M.; Lawson, D. A.; Ruggles, V. D. *Passed*—Chisholm Maud; Christie, G. A.; Fraser, H. J.; Kennedy, J. H., Layton, R. B.; McKay, W. A.; Morrison, F. A.; Nicholson, D. J.; Nicholson, W.; Sedgewick, G. H.; Stavert, R. H.; Vance, F. S.

JUNIOR: *Class I*—Fraser, W. P.; McCurdy, R. Mabel. *Class II*—Cameron, G.; Coffin, W. H.; Donovan, Florence; Fraser, H. J.; MacDougall, E. Mary; Meek, J. G.; Webster, Winifred M. *Passed*—Blois, H. H.; Daviss, A. E.; Davis, D. G.; Fash, I. Mabel; Lindsay, F. Jean; Locke, E. C.; Loughead, G. W.; McKay, D. L.; McKeen, Winifred; McLeod, D. J.; Malcolm, J.; Matheson, C. W.; Mellish,

*High First Class.

J. R.; Miller, G. W.; Mitchell, G. A.; Morrison, Bertha L.; Perkins, Ella D.; Proudfoot, J. A.; Roy, Alex.; Smith, A. A.; Smith, D. M.; Sproule, Mary J.; Stairs, G. S.: Upham, H. M.; Young. A. M.; Young, L. L.

EDUCATION.

THEORY AND HISTORY: *Class I*—Harvey, E. K.; *O'Brien, Mary A. *Class II*—Lawson, D. A.; MacKenzie, W. R. *Passed*—McDonald, W.; Ross, D. E.

HISTORY: *Passed*—Murray, Laura E.

PRACTICE: *Passed*—O'Brien, Mary A.; Wood, B. J.

MATHEMATICS.

ADVANCED: *(Fourth Year): Class II*—Boehner, R. S.; Stewart, W. E.

ADVANCED: *(Third Year): Class I*—Lindsay, M. A. *Passed*—Fulton, T. T.; Stewart, W. E.; Wilson, J. L.

SENIOR: *Class I*—DeWolfe, L. A.; McCurdy, Rahno M.; McDougall, E. Mary; Mitchell, G. A. *Class II*—Cameron, G.; Elliot, L. B.; Lindsay, F. Jean; McDonald, J. D.; Meek, J. G.; Webster, Winifred M. *Passed*—Baxter, N. M.; Blois, H. H.; Coffin, W. H.; Davis, D. G.; Daviss, A. E.; Donovan, Florence; Fash, I. Mabelle; Gordon, G. H.; Locke, E. C.; McCleave, A. R.; McLeod, D. J.; Malcolm, J.; Matheson, C. W.; Mellish, J. R.; Rand, Annie M; Roy, Alex.; Smith, D. M.; Stairs, G. S.; Upham, H. M.; Young, A. M.; Young, L. L. *Passed in Geometry*—Perkins, Ella D.; Smith, A. A. *Passed in Albebra*—Johnston, Mary McN.

JUNIOR: *Class I*—Blackwood, Florence; Frame, H. A.; Haverstock, W. E.; *Scrimgeour, J. A.; Spencer, Minnie. *Class II*—Bayer, Harriet; Begin, T. S.; Brunt, H. D.; Campbell, Primrose; Corbett, W. M.; Crowdis, C. J.; Elliott, G. R. B.; Fraser, E.; Kirker, E.; Macdonald, R.; MacKay, G. M. J.; MacKenzie, T. G. *Passed*—Acham, J. L.; Andrew, G. A.; Archibald, F. R.; Batton, Viola; Bigney, Anna; Braine, Annie; Cameron, J. J.; Cameron, T. G.; Carney, M.; Coffin, G. A.; Elliott, Primrose; Ferguson, A.; Frame, S.; Fraser, W.; Gordon, Wilhelmina; Kelly, Wm.; Langille, G. W.; Logan, F. R.; McIntosh, Gertrude; McKean, G. A. R.; Pavzant, A. S.; Power, W. K.; Ritchie, A. B.; Spicer, H. J.; Sutherland, R. H.; Trueman, J. M.; Weldon, R. C.; Wood, A. *Passed in Geometry*—Tucker, H. S,

PHYSICS.

SENIOR: (Dynamics): *Class I*—*Fleming, E. M.; Rielly, J. F. *Class II*—Gould, W. M. *Passed*—Boehner, R. S.; Lindsay, M. A.; McKeen, W. G.; O'Brien, Mary A.; Wood, B. J.; Wilson, J. L.

JUNIOR: *Class I*—DeWolfe, L. A.; *Fleming, E. M.; McKeen, W. G.; Rielly, J. F. *Class II*—Christie, C. V.; McDonald, J. D.; Myers, A. J. W. *Passed*—Baxter. N. M.; Campbell, Jessie B.; Chisholm, Maud; Christie, G. A.; Elliott, L. B.; Fash, Ida M.; Fulton, T.; Gordon, G. H.; McCleave, A. R.; McKenzie, W. R.; Miller, G. W.; Morrison, Bertha L.; Nicholson, D. J.; Proudfoot, J. A.; Rand, Annie M.; Read, Winifred; Shaw, R. M.; Stavert, R. H.; Thomas, Louise; Vance, F. S.

ADVANCED PRACTICAL: *Passed*—Gould, W. M.; Hebb, T. C. (Class distinction not yet determined).

SENIOR PRACTICAL: *Class I*—O'Brien, Mary A. *Passed*—Boehner, R. S.

JUNIOR PRACTICAL: *Class I*—Lindsay, M. A.

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*High First Class.

APPLIED MECHANICS.

Class II—Fulton, T. T. *Passed*—Stewart, W. E.

CHEMISTRY.

SENIOR: *Class I*—*Blackwood, Florence; Christie, G. A.; DeWolfe, L. A. *Class II*—Fraser, W. P.; Morrison, Bertha L.

JUNIOR: *Class I*—Campbell, Primrose; Crowdis, C. J.; Haverstock, W. E.; Mackay, G. M. J.; Mackenzie, T. G.; Shaw, R. M. *Class II*—Archibald, F. R.; Bayer, Harriet M.; Bigney, Anna L.; Elliott. G. R. B.; Gordon, Wilhelmina; Logan, F. R.; Ritchie, A. B.; Spencer, Minnie; Sutherland, R. H.; Weldon, R. C. *Passed*—Acham, J. L,; Andrew, G. A.; Braine, Annie M.; Brunt, H. D.; Coffin, G. A.; Corbett, W.; Elliott, S. E. Primrose; Ferguson, A.; Fleming, E. M.; Frame, H. A,; Frame, S. H.; Fraser, E.; Kelly, W.; Kirker, E. A.; Langille, G. W.; McDonald, R.; McIntosh, Gertrude; Nicholson, W.; Power, W. Kent; Scrimgeour, J. A.; Spicer, H. J.; Thomas, Louise; Trueman, J. M.; Vickery, R. E.; Wood, A.

ADVANCED PRACTICAL: *Class II*—Mackie, I. C.; O'Brien, Mary; Wood, B. J. *Passed*—Stewart, W. E.

SENIOR PRACTICAL: *Class II*—Blackwood, Florence; Christie, G. A.; DeWolfe, L. A. *Passed*—Baxter, N. M.; Fraser, W. P.; Gordon, G. H.; Moody, Margaret H.; Morrison, Bertha L.

JUNIOR PRACTICAL: *Class II*—Ross, D. E.; Shaw, R. M. *Passed*—Wilson, J. L.

MINERALOGY.

Class II—O'Brien, Mary. *Passed*—Wood, B. J.

MECHANICS AND MACHINERY.

1. *Passed*—Stewart, W. E.

DESCRIPTIVE GEOMETRY.

2. *Class II*—O'Brien, Mary A. *Passed*—Baxter, R. M.; DeWolfe, L. A.; Elliot, L. B.; Gordon, G. H; McCleave, A. R.; Wilson, J. L.

SURVEYING.

3. SENIOR: *Passed*—Stewart, W. E.

JUNIOR: *Class II*—McCleave, A. R. *Passed*—Elliott, L. B.; Wilson, J. L.

MINING AND METALLURGY.

4. *Class II*—Stwart, W. E.

HYDRAULIC ENGINEERING.

5. *Passed*—Campbell, J. A.; Stewart, W. E.

BOTANY.

6. *Class II*—Fraser, W. P.; Mackay, Katherine D.; Mackie, I. C. *Passed*—Haverstock, W. E.; Low, Margaret; Mackay, V. N.; Proudfoot, J. A.

ZOOLOGY.

7. *Class I*—Fraser, W. P. *Class II*—McKay, V. N.; Ross, D. E. *Passed*—DeWolfe, L. A.; Mackie, I. C.; Shaw, R. M.

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*High First Class.

FACULTY OF LAW.

DEGREE EXAMINATIONS.

CLASS LISTS.

REAL PROPERTY, 1ST YEAR.

Class I.—Macleod, Edward A., Ritchie. *Passed.*—Bill, Craig, DeWolfe Miss, Hanson, Hutchinson, Macleod, Colin A., Miller, Parlee, Phalen, Rhodes, Savary, Smith, Worsley.

WILLS.

Class I.—Chipman, Harris, Reid, McCurdy. *Passed*—Bill, Calder, Lockhart, McDonald, Moseley, Parlee, Phalen, Pugsley, Rhodes, Ritchie, Sanford, Smith, G. P., Squires, Worsley.

CONTRACTS.

Class I—Miller, Hutchinson, Savary. *Passed.*—Craig, DesBarres, Macleod, Colin A., Macleod, Edward A., Phalen, Ritchie.

SALES.

Class I.—Cumming, Lockhart, Routledge, McDonald, Calder, McCurdy, Parlee, Hanson. *Passed.*—Bill, Chipman, Harris, Keith, McNeil, Matheson, Moseley, Murray, Pugsley, Regan, Reid, Rhodes, Ritchie, Smith, G. P., Squires, Sutton, Worsley.

EQUITY.

Class I.—Macleod, Edward A., Cumming, Squires, Calder, Ritchie, Lockhart, Reid, Regan. *Passed.*—Bill, Chipman, Hanson, Harris, Keith, McCurdy, McDonald, Macneil, Matheson, Moseley, Murray, Oland, Parlee, Pugsley, Rhodes, Routledge, Sanford, Smith, G. P., Sutton, Worsley.

INTERNATIONAL LAW.

Class I.—Cumming, Matheson, McNeil. *Passed.*—Keith, Murray, Regan, Sutton.

CONSTITUTIONAL LAW.

Class I.—McCurdy, Pugsley. *Passed.*—Calder, Chipman, Harris, McDonald, Moseley, Reid, Sanford, Squires.

CONSTITUTIONAL HISTORY.

Class I.—Hutchinson, Craig. *Passed.*—DesBarres, Kennedy, J. H., MacKean, J. A., Macleod, Colin A., Main, C. O., Phalen, Savary.

SHIPPING.

Class I.—Reid, Routledge. *Passed.*—Bill, Calder, Chipman, Hanson, Harris, Lockhart, McCurdy, McDonald, Ritchie, Squires, Worsley.

TORTS.

Class I.—Macleod, E. A., Hutchinson, Phalen, Ritchie. *Passed.*—Bill, Craig, DesBarres, DeWolfe Miss, Macleod, C. A, Rhodes, Savary, Smith.

EVIDENCE.

Class I.—Cumming, Squires, Routledge, Regan, McNeil, Sutton, Lockhart, Ritchie, Keith, Chipman, Pugsley, Worsley. *Passed.*—Bill, Calder, Hanson, Harris, McCurdy, McDonald, Matheson, Murray, Reid, Rhodes, Sanford, Smith.

CONFLICT OF LAWS.

Class I.—Cumming, Routledge, Pugsley, Sutton. *Passed.*—Hanson, Keith, Lockhart, McNeil, Matheson, Murray, Oland, Regan, Smith.

CRIMES.

Class I.—Macleod, Edward A., Hutchinson, Phalen, Craig, *Passed.*—Bell, DesBarres, Parlee, Rhodes, Ritchie, Savary, Smith. Worsley.

PROCEDURE.

Class I.—Cumming, Routledge, Macneill, Pugsley,. *Passed.*—Blenkhorn, Keith, MacKay, Matheson, Moseley, Regan.

FACULTY OF MEDICINE,

GENERAL PASS LIST.

(Alphabetical order.)

PRIMARY M. D., C. M., EXAMINATIONS.

Section "A"—First Year.

*Archibald, C. C.; Buckley, C. E. A.; Champion, J. B.; ‡Coffin, Melville; ‡Crawford, D. McN.; Cunningham, A. R.; Day, F. B., ‡Earle, R. W, L.; Farquharson, W. O.; *Fisher, F.; *‡Fuller, L. O., Gillis, A. C.; Hardy, G, A.; *Harris, W. C.; Jardine, F. W.; Johnson; T. R.; Layton, J. S.; McDonald, T. D.; McDonald, T. H.; McKay; D. A.; McKenzie, D. W.; McKenzie, Miss J.; McKenzie, L. B.; ‡McKinnon, W. T. M.; Miller, A. F.; *Morrison, J. C.; ‡Rankine, John; *Rice, Miss Grace E. B.; Richardson, C. A. C.; Slayter, R. U.; Stephens, F. N.

Section "B"—Second Year.

‡Archibald, C. C.; Austen, Miss M. M.; Brehaut, Lester; Burris, H. L.; *Campbell, D. G. J.; Coffin, Melville; *Harris, W. C.; *King, A. A.; Lawson, W. A.; McCuish, K. A.; *McGarry, P. A.; Maciver, J, A.; §McKenzie, J. J.; McKenzie, K. A.; McLeod, A. C.; Morrison, J. C.; §Morse, G. R.; Munro, Miss B. M.; Murray, Daniel; Potter, J. L.; Whitman, G. W.; Woodbury, F. V.; *Woodland, G. H.

FINAL M. D., C. M. EXAMINATIONS.

Section "A"—Third Year.

Blackadar, R. L.; Borden, L. E.; Cameron, C. P. P.; *Cameron, Harold; Campbell, D. G. J.; Cock, J. L.; Corston, J. R.; †Faulkner, E. R.; Fulton, S. A.; Harris, W. C.; Hebb, A. M.; King, A. A.; McGarry, P. A.; McKay, Wm.; McKinnon, W. F.; Miller, J. R.; Morse, G. R.; Murphy, G. H.; Philp, Miss M. A. L.; Phinney, W. S.; Watson, D. T. C.; ‡Woodland, G. H.

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*Suppl. Exam., Sept. 1900.
†Special Examination, Sept. 1900
‡Suppl. April, 1901.
§Special Exam , Feb. 1901.

Section "B"—Fourth Year.

*Braine, L. B, W.; Crosby, L. M.; Dickson, C. H.; Faulkner, E. R.; O'Brien, M. A.; O'Donnell, Miss F. M.; *Reynolds, Wm. P.; Roach, E. B.; Robbins, W. H.; †Salter, O. R.; Thomas, Lewis; Wardrope, M. J.; Woodland, G. H.

DEGREE EXAMINATIONS.

CLASS LISTS.

Containing the names arranged in order of merit of students who passed in the various subjects.

JUNIOR CHEMISTRY.

Rankine, John; Jardine, F. W.; Layton, J. S.; Farquharson, W. O.; (Hardy, G. A.; McDonald, T. D.); (McKay, D. A,; McKenzie, Miss Jemima; McKenzie, L. B.); Johnson, T. R.; Stephens, F. N.; Champion, J. B.; McDonald, T. H.; McKenzie, Miss E.; Buckley, C. E. A.; Day, F. B.; McKenzie, D. W.; Gillis, A. C.; Miller, A. F.; Richardson, C. A. C.; (Slayter, R. U.; Day, F. W.)

Supplementary Examinations—Sept. 1900, Fuller, L. O.; Coffin, M.; Rice, Miss G. E. B.; Earle, R. W. L.; Harris, W. C. *April, 1901*, Moseley, A. J.; Ford, T. R.

JUNIOR ANATOMY.

Cunningham, A. R.; McKay, D. A.; Jardine, F. W.; McKenzie, Miss J.; McKenzie, D. W.; (Hardy, G. A.; Farquharson, W. O.); Rankine, John; McKenzie, L. B.; Layton, J. S.; McDonald, T. H.; Day, F. W.; Messinger, Miss S. M.; Miller, A. F.; Slayter, R. U.; Ellison, R. B. L.; Johnson, T. R.; Gillis, A. C.; Champion, J. B.; Day, F. B,; Stephens, F. N.; Buckley, C. E. A.; McDonald, T. D.; Kinkead, E. C.; Richardson, C. A. C.

Supplementary Examinations—Sept. 1900, Archibald, C. C. *April, 1901*, Crawford, D. McN.; Coffin, Melville; Moseley, A. J.; Fuller, L. O.; Norwood, E. B.

HISTOLOGY.

Supplementary Examinations—Sept., 1900, Morrison, J. C.; Hawboldt, H. D.; Morse, C. D. *April, 1901*, (Earle, R. W. L.; McAulay, M. A.); Ford, T. R.; McKinnon, W. T. M.; Fuller, L. O.

ELEMENTARY BIOLOGY.

Cunningham, A. R.; McKenzie, Miss Jemima; McKay, D. A.; Hardy, G. A.; Day, F. B.; Kinkead, E. C.; Stephens, F. N.; (McDonald, T. H.; Rankine, John); Champion, J. B.; McKenzie, Miss Eliza; (Messinger, Miss S. M.; Miller, A. F.); Jardine, F. W.; Buckley, C. E. A.; Slayter, R. U.; (Farquharson, W. O.; Johnson, T. R.; Richardson, C. A. C.); McDonald, T. D.; (Gillis, A. C.; McKenzie, D. W.

ZOOLOGY *only*—Layton, J. S.; Barton, T. R.; Day, F. W.; (Ellison, R. B. L.; Moseley, A. J.)

Supplementary Examinations, BIOLOGY—*Sept. 1900*, Fisher, F.

ZOOLOGY *only—Sept. 1900*, Morrison, C. J.

April, 1901, Crawford, D. McN.; Norwood, E. B.; (Fuller, L. O. Wallace, P. J.)

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*Suppl. Exam., Sept, 1900.
†Special Exam., Sept., 1900.
‡Suppl. Exam., April, 1901.

MEDICAL PHYSICS.

McKenzie, Miss Jemima; McDonald, T. H.; McKay, D. A.; Hardy, G. A.; McDonald, T. D.; Johnson, T. R.; Buckley, C. E. A.

SENIOR CHEMISTRY.

McKenzie, K. A.; Austen, Miss M. M.; Brehaut, Lester; (Lawson, W. A.; Murray, Daniel); Munro, Miss B. M.; Morrison, J. C.; Burris, H. L.; Morrison, Miss B. L.; Whitman, G. W.; (Coffin, Melville; Potter, J. L.) Woodbury, F. V.; McLeod, A. C.; Maciver, J. A.; Hawboldt, H. D.; McCuish, K. A.

Supplementary Examinations—Sept., 1900, King A. A.; Woodland, G. H.; McGarry, P. A.; Fuller, L. O.; (Campbell, D. G. J.; Harris, W. C.)

Special Examination, Feb. 1901, McKenzie, J. J.

SENIOR ANATOMY.

McKenzie, K. A.; (Austen, Miss M. M.; Burris, H. L.; Lawson, W. A.;) Potter, J. L.; Murray, Daniel; Munro, Miss B. M.; Coffin, Melville; (Crawford, D. McN.; McCuish, K. A.); (Whitman, G. W.; McLeod, A. C.); Brehaut, Lester; Hawboldt, H. D.; Morrison, J. C.; McAulay, M. A.; Woodbury, F. V.; Earle, R. W. L.; Maciver, J. A.; McKinnon, W. T. M.; Fuller, L. O.; Ellison, R. B. L.

Supplementary Examination, April, 1901, Archibald, C. C.

PHYSIOLOGY AND HISTOLOGY.

McKenzie, K. A.; Lawson, W. A.; (Burris, H. L.; Whitman, G. W.;) Murray, Daniel; (Austen, Miss M. M.; McLeod, A. C.) Woodbury, F. V.; Potter, J. L.; (Coffin, Melville; Morrison, J. C.) Munro, Miss B. M.; Dickey, E. E.; Brehaut, Lester; Norwood, E. B.; Ford, T. R.; Hawboldt, H. D.; McAulay, M. A.; (Maciver, J. A.; McKinnon, W. T. M.); Crawford, D. McN.; McCuish, K. A.

Supplementary Examination, Sept. 1900, King, A. A.; McKenzie, J. J.; Harris, W. C.

Special Examination, Feb. 1901, Morse, G. R.

MATERIA MEDICA, PHARMACY, AND THERAPEUTICS.

Morse, G. R.; (Hebb, A. M.; Millar, J. R.) Fulton, S. A.; Borden, L. E.; Corston, T. R.; Philp, Miss M. A. L.; Watson, D. T. C.; Blackadar, R. L.; Campbell, D. G. J.; King, A. A.; Phinney, W. S.; Murphy, G. H.; Cameron, C. P. P.; McKay, Wm.; McGarry, P. A.; McKinnon, W. F.; Harris, W. C.; Cock, J. L.

Special Examination, Sept. 1900, Faulkner, E. R.

Supplementary Examination, April, 1901, Woodland, G. H.

MEDICAL JURISPRUDENCE, INSANITY, AND HYGIENE.

Corston, J. R.; Phinney, W. S.; Millar, J. R.; Fulton, S. A.; Hebb, A. M.; (Campbell, D. G. J.; Morse, G. R.;) Borden, L. E.; (King, A. A.; McKay, Wm.;) (Blackadar, R. L.; Watson, D. T. C.) (Harris, W. C.; Philp, Miss M. A. L.); (McKenzie, J. J.; Cock, J. L.); McGarry, P. A.; McKinnon, W. F.; Murphy, G. H.) Cameron, C. P. P.

Special Examination, Sept. 1900, Faulkner, E. R.

PATHOLOGY AND BACTERIOLOGY.

Corston, J. R.; Morse, G. R.; Fulton, S. A.; Millar, J. R.; Hebb, A. M.; Blackadar, R. L.; Campbell, D. G. J.; King, A. A.; (Cock, J. L.; McGarry, P. A.;) McKay, Wm.; McKinnon, W. F.; Watson, D. T.

C.; (Borden, L. E.; Cameron, C. C. P.;) Philp, Miss M.A. L.; Murphy, G. H.; Phinney, W. S.; Harris, W C.

Special Examintion, Sept. 1900, Faulkner, E. R.

Supplementary Examintion, Sept. 1900, Cameron, Harold.

SURGERY.

Faulkner, E. R.; Roach, E. B.; Robbins, W. H.; Thomas Lewis; Wardrope, M. J.; Woodland, G. H.; Dickson, C. H.; O'Brien, M. A.; Crosby, L. M.; O'Donnell, Miss F. M.; Cochran, W. N.

Special Examination, Sept. 1900, Salter, O. R.

CLINICAL SURGERY.

Crosby, L. M.; Woodland, G. H.; Faulkner, E. R.; Roach, E. B.; Robbins, W. H.; O'Brien, M. A.; Wardrope, M. J.; Cameron, Harold; Thomas Lewis; O'Donnell, Miss F. M.; Dickson, C. H.

Special Examination, Sept. 1900, Salter, O. R.

MEDICINE.

Faulkner, E. R.; Roach, E. B.; Crosby, L. M.; Cameron, H.; Wardrope, M. J.; (Woodland, G. H.; Robbins, W. H.); (Cochran, W. N.; O'Brien, M. A.;) Thomas Lewis; Dickson, C. H.; O'Donnell, Miss F. M.

Special Examination, Sept. 1900, Salter, O. R.

Supplementary Examination, Sept. 1900, Braine, L. B. W.; Reynolds, W. P.

CLINICAL MEDICINE.

Roach, E. B.; (Faulkner, E. R.; Thomas Lewis); Wardrope, M. J.; O'Brien, M. A.; Woodland, G. H.; Crosby, L. M.; (O'Donnell, Miss F. M.; Robbins, W. H.); Dickson, C. H.

Special Examination, Sept. 1900, Salter, O. R.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Roach, E. B.; O'Brien, M. A.; Faulkner, E. R. (Crosby, L. M. O'Donnell, Miss F. M.;) Robbins, W. H.; Woodland, G. H.; Dickson, C. H.; Wardrope, M. J., Thomas, Lewis.

Special Examination, Sept. 1900, Salter, O. R.

GRADUATES.

DOCTORS OF LAWS.

(Honoris Causâ).

1896 *a* Bailey, Loring Woart, *M. A., Ph. D., F. R. S. C.*
1901 *b* Fraser, Chas. Frederick, *M. A.*
1892 *c* Gilpin, Edwin, Jr., *A. M., F. R. S. C.*
1892 *d* Grant, Very Rev. Geo. Munro, *D. D., F. R. S. C.*
1900 *e* Johnson, John, *M. A.* (Dub.)
1896 † Kingsford, Wm., *C. E., LL. D., F. R. S. C.*
1892 *f* MacKay, Alex. Howard, *B. A., B. Sc., F. R. S. C.*
1896 † Patterson, Rev. George, *D. D., F. R. S. C.*
1893 *g* Sedgewick, Hon. Robert.
1901 *h* Smith. Rev. T. Watson. *D. D.*
1892 † Thompson, Rt. Hon. Sir John Sparrow David, *K. C. M. G.*

MASTERS OF ARTS.

1876 Allan, John Munn.
1872 Annand, Joseph, *D. D.*
1897 Archibald, Alexander David.
1898 Archibald, Herb. Thompson.
1894 Archibald, Sara Elizabeth.
1878 Archibald, Wm. Prescott, *B.D*
1898 Austen, Minna May.
1899 Baird, Frank, *B. A.*
1900 Barnes, James.
1892 Baxter, Agnes Sime, *Ph. D.*
1872 † Bayne, Prof. Herbert A., *Ph. D., F. R. S. C.*
1896 Bent, Matilda Agatha.
1898 Bigelow, Harry Veeder.
1899 Burchell, Charles Jost.
1890 Burkitt, Robert James
1897 Butler, George Killam.
1898 Cameron, Ira William.
1871 Campbell, John J.
1895 Campbell, William Robert.
1871 Carr, Arthur F.
1869 Chase, Joseph Henry.
1899 Church, Nina Elizabeth.
1880 † Creelman, David Fulton.
1891 Crowell, Edwin.
1896 Currier, Frank Allison.
1900 Davis, Roy.
1883 Dickie, Alfred.
1888 Fitzpatrick, Hiram Henry Kirkwood, *LL. B.*
1897 Forbes, Edgar William,
1872 † Forrest, James.
1897 Foster, Arthur Hayward, *B.D.*
1897 Frame, David Annand.
1891 Grant, David Kenzie.
1898 Grant, George Alexander.
1895 Grant, Melville Finlay.
1895 † Grant, Robert J., *B. D.*
1894 Harrington, Emily Bevan.
1898 Hebb, Bertha Boyd.
1901 Hebb, Thos. Carlyle.
1898 Hepburn, William Murray.
1878 Herdman, Jas Chalmers, *D. D.*
1881 Herdman, William Close.
1895 Jamieson, Harriet Jane.
1898 Jordan, Edward Elliot.
1878 Jordan. Louis Henry, *B. D.*
1888 Langille, R. McDonald, *LL. B.*
1894 Logan, Prof. Jno. Dan., *Ph. D.*
1880 Logan, Richmond.
1894 McArthur, Samuel Johnson.
1895 Macdonald, Charles deWolf.
1870 † McDonald, John H.
1901 Macdonald, Murdoch Stewart.
1895 Macdonald, Peter McLaren.
1874 MacGregor, Prof. James Gordon, *D. Sc., F. R. S.*
1897 McIntosh, Charles Daniel.
1900 Macintosh, Finlay H.
1896 Macintosh, John, *B. D.*
1901 Mackintosh, Peter Duncan.
1895 † Mackay, Angus Wm.
1898 McKay, Ira.
1895 Mackay, John Daniel, *B. D.*
1897 McKay, Mary Alexandra.
1899 McKay, Wm. Roderick, *M.A.*, (Prin.), *ad eund. grad.*
1898 McKay, Thomas Calvin.
1895 MacKenzie, Ellen Margaret.
1875 MacKenzie, Hugh.
1872 † MacKenzie, Prof. Jno. J., *Ph.D.*
1897 McLean, Laughlin Hugh, *B.A.*
1887 McLennan, John William, *B.D.*
1878 † McLeod, Alexander, *Ph. D.*
1880 † McLeod, John Wilson.
1897 McNairn, William Wallace.
1870 McNaughton, Samuel.
1898 McPhee, Margaret Janet.
1899 Millar, Jas. Ross.
1896 Milligan George Seaton.
1894 Morton, Silvanus Archibald.
1899 Murdoch, Wm. Clarence, *M.A.* (Prin.), *ad eund. grad.*
1901 Murray, Adam Henry Stewart
1893 Murray, Prof. Walter Chas., *M. A.* (Edin.), *ad eund. grad.*
1901 Myers, Charles Allan.
1881 Newcombe, Edm. Leslie, *LL.B.*
1898 Nicholson, John Wm. Angus.
1901 Outhit, Wm. Edward.
1887 Patterson, George Geddie.
1896 † Robins, Edwin Proctor.
1895 Ross, Hedley Duncan Vicars.
1896 Ross, Jennie Wright.
1896 Ross, Mary Sophia.
1901 Ross, William Alexander.
1875 Scott, Ephraim.
1871 Smith, David H.
1890 † Smith, James Festus, *B. D.*
1897 Smith, William Henry, *B. D.*
1896 Strathie, Ralph Grant, *B. D.*
1898 Sutherland, George Adam.
1898 Trefry, James Hartley.
1878 Trueman, Arthur I, *D. C. L.*
1878 Trueman, Margaret Florence.
1899 Watt, Arthur Wm.

† Deceased.
a Prof. of Nat. Hist. N. B. Univ.
b Prin. Hfx. School for the Blind.
c Dep.-Commr. of Mines N. S.
d Prin. Queen's Univ., Kingston.
e *Emeritus* Prof. of Classics, Dal. Un.
f Supt. of Education, N. S.
g Judge of Supreme Court of Canada.
h Author of *History of Methodism, The Slave in Canada, etc.*

MASTERS OF LETTERS.

1893 Muir, Ethel, *Ph.* D.
1900 Hobrecker, Alma Helena.

MASTER OF SCIENCE.

1898 Archibald, Ebenezer Henry.

BACHELORS OF ARTS.

The numbers affixed in some cases to the names have the following significations:—

1—High Honours in Classics.
2—Honours in Classics.
3—High Hons. in Latin and English.
4—Hons in Latin and English.
5—High Hons. in Greek and English.
6—Hons. in Greek and English.
7—High Hons. in English and German.
8—Hons. in English and German.
9—High Hons. in English and English History.
10—Hons. in Eng. and Eng History.
11—High Hons in Philosophy.
12—Hons. in Philosophy.
13—High Hons. in Pure and Applied Mathematics.
14—Hons. in Pure and App. Math.
15—High Hons. in Mathematics and Physics.
16—Hons. in Math and Physics.
17—High Hons. in Experimental Physics and Chemistry.
18—Hons. in Exp. Phys. and Chem.
19—High Hons. in Chemistry and Chemical Physics.
20—Hons. in Chem. and Chem. Phys.
21—Great Distinction.
22—Distinction.
23—Governor-General's Gold Medal.
24—Governor-General's Silver Medal.
25—Sir Wm. Young's Gold Medal
26—DeMille Gold Medal.
27—Mackenzie Gold Medal.
28—University Medal.
29—1851 Exhibition Science Research Scholarship.
30—Avery Prize.

1884 *a* Adams, Hy. Stanislaus, 14, 24.
1895 Aitken, Rob. Traven Davison.
1885 † Aiton, William, 1, 23
1873 Allan, John Munn.
1889 Allison, Edmund Powell.
1886 Allison, Matthew Gay, 30.
1899 Anderson, Chas Willoughby.
1899 Anderson, Jas. Hy. Addison, 12.
1893 Annand, Edward Ernest.
1869 *b* Annand, Joseph, *D. D.*
1895 Archibald, Adams Douglas.
1895 Archibald, Alexander David.
1899 Archibald, Eugenie, 22.
1877 † Archibald, Fred. Wm., *M. A.*, *B. D.*, *Ph. D.*
1897 *c* Archibald, Herb. Thompson, *Ph. D.*, 1.
1892 Archibald, Sara Eliz., 21, 30.
1872 Archibald, Wm. Prescott, *B.D.*
1901 Armitage, Wm. Jas.
1897 Austen, Minna May, 21, 30.
1899 *cc* Baird, Jno. Wm. Adams, 13, 25.
1896 Baker, Elma
1892 Bacon, Frank Wright Mudge, 14.
1899 Barnes, James, 14, 29.
1893 Barnstead, Arthur Stanley.
1891 *d* Baxter, Agnes Sime, *Ph. D.*, 13, 25.
1869 *e* †Bayne, Herbert And., *Ph. D.*, *F. R. S. C.*
1871 Bayne, Ernest Samuel.
1876 Bell, Francis Hugh, 2, 23.
1883 Bell, John Albert, 2, 23.
1900 Benoit, John Alphonse, 14.
1895 Bent, Matilda Agatha.
1900 Bentley, John Skipwith, 22.
1901 Best, Lillian Gertrude, 2.
1894 Bigelow, Harry Veeder, 22, 30.
1898 *f* Blanchard, Aubrey Blanchard, 12.
1880 Blanchard, Charles Waddell.
1899 Borden, Lorris Elijah.
1894 *g* Brehaut, Ernest, *M. A.*, 1, 28.
1891 *h* Brehaut, Jas. Wm., *B. A.*, 1.
1898 Brodie, William Stuart.
1889 Brown, Ernest Nicholson, 12.
1872 Bruce, William T., *M. D.*
1873 Bryden, Charles William
1887 Buchanan, James Jost, 12.
1898 Buchanan, Murdoch.
1897 Burchell, Charles Jost.
1867 Burgess, Joshua C.
1889 Burkitt, Robt. Jas., *B. A.*, 14.
1899 Burris, Grace Dean.
1896 *i* Butler, George Killam.
1886 *j* Cahan, Charles Hazlitt.
1878 Cairns, John Andrew, *M. A.*
1886 Calder, John, *B. D.*
1887 Calkin, Wm., Sommerville, 30.
1879 Cameron, Chas. Symonds, 10.
1897 Cameron, Ira William, 13, 25.
1878 Cameron, John Hugh, 24.
1867 Cameron, John J.
1873 Cameron, William, *Ex-M.P.P.*
1898 Campbell, Alvin Henry.
1886 Campbell, Alexander John.
1890 *k* Campbell, Donald Frank, *M.A.*, *Ph. D.*
1898 Campbell, Duncan McDonald.

† Deceased.
a Sometime Prof. of Math. Detroit College.
b Missionary in New Hebrides.
c Sometime Fellow and Scholar, (J. H. U.), Prof. of Greek, Occidental College, Los Angeles.
cc Scholar, (Cornell).
d Sometime Fellow, Cornell.
e Sometime Prof. of Chem., Royal Mil. College, Kingston.
f Math. Master, St. And. Coll., Tor.
g Sometime Scholar, Harvard; Prof. of Latin, Colorado University.
h Supt. of Schools, North Attleboro, Mass.
i Principal Alexandra School, Hfx.
j Lecturer on Torts, Dalhousie Coll.
k Sometime Fellow, (Harv.); Prof. of Mathem. (Armour Instit. Chic.)

1882 *a* Campbell, Geo. Murray, 14, 25.
1899 Campbell, Jessie Brown.
1892 Campbell, Robert Sedgewick.
1887 *b* Campbell, William Robert.
1872 Carmichael, James Matheson.
1868 Carr, Arthur F.
1882 Carson George Stephen, 30.
1879 Chambers, Frederick Bulmer.
1877 Chambers, Robert Ernest.
1890 Chapman, Adolphus Eugene.
1866 Chase, Joseph Henry.
1899 Chase, Marg. Hawthorne.
1901 Chisholm, Maud.
1868 † Christie, Thomas M.
1896 Church, Nina Elizabeth, 3.
1888 Clarke, Daniel McDonald.
1897 Clark, Harold Marston.
1897 Cock, Daniel George.
1886 *c* Coffin, Fulton Johnson, *M. A.*, *Ph. D.*, 10.
1885 Coffin. Frank Stewart.
1897 Coffin, Robert Lewis.
1887 *d* Coffin, Victor Edwin, *Ph.*, *D.*, 9, 26.
1890 *e* Cogswell, Geo. Alfred, *Ph. D.*
1898 Colquhoun, John George.
1887 Coops Frank Harvey, *M. D.*, *C. M.*, 2
1898 Corston, James Robert.
1881 Costley, Alfred.
1891 Cox, George Hastings.
1894 Crawford, James Andrew.
1873 † Creelman, David Fulton.
1881 *f* Creelman, Hugh Graham, *B. Sc.*, 14 23.
1868 Creighton, James G. A
1880 Creighton, Henry Spurr
1887 *g* Creighton, James Edwin, *Ph. D.*, 11, 24.
1898 Crowe Henry Stanley, 21.
1880 Crowell, Edwin, 10, 23
1872 Cruikshank, William, *B. D.*
1899 *h* Cumming, Alison, 22.
1896 Cumming Bessie Arnot, 11.
1897 Cumming, Melville.
1896 Cummings, Alfred Graham.
1897 Cummings, Edward.
1900 Cunningham, Allan Rupert.
1900 Cunningham, Wm. Andrew.
1896 Currie, William Douglas.
1895 Currier, Frank Allison.
1897 Dakin, William.
1882 Davidson, Fulton Johnson.
1896 Davidson, Lilla Augusta.
1899 Davis, Roy, 9.
1889 Davison, James MacGregor.
1897 Denoon, Alexander Hugh
1898 DeWolfe, Margaret Woodill.
1879 Dickie, Alfred.
1896 Dickie, Gordon, 22.
1883 Dickie, Henry.
1884 Dill Edmund Munro, *B. D.*
1900 Douglas, Edgar.
1893 Douglas, Ernest Augustus.
1896 Douglas, John Robert.
1874 Doull, Walter Scott.
1895 Duchemin, Henry Pope, 1, 28.
1873 Duff, Kenneth.
1879 † Emerson, Robt. Rich Jas., 30.
1900 Farquharson, Wm. Oban.
1897 Faulkner, Ebenezer Ross.
1893 Finlayson, Duncan, *M.P.P.*
1897 Fisher, Arthur Franklyn, *B.D.*
1899 Fisher, Franklin.
1890 Fisher, James Mitchell.
1900 Fisher. John Andrew.
1885 Fitzpatrick, Hiram Henry Kirkwood, *LL. B.*, 12.
1875 Fitzpatrick, James.
1900 Flemming, Ethel Augusta.
1887 Forbes, Antoinette.
1893 Forbes, Edgar William.
1899 Forbes, George Ernest.
1897 Forbes, William.
1868 † Forrest, James.
1901 Forrest, Jean Fairbanks, 22.
1895 Foster, Arthur Hayward, *B.D.*
1895 Frame, David Annand.
1889 *i* Fraser, Alexander, 11.
1895 Fraser, Alex. Lewis, *B. D.*
1887 Fraser, Donald.
1895 Fraser, Daniel Alexander, 22.
1872 *j* Fraser, Duncan Cameron, *M.P.*
1874 Fraser, Daniel Stiles.
1894 † Fraser, Hugh McLeod.
1889 Fraser, John Keir Geddie.
1883 Fraser, William Matheson, 24.
1882 *k* Fraser, Wm. Ritchie, *Ph. D.*
1889 Frazee, Victor Gladstone.
1899 Fulton, Clarence.
1890 † Fulton, Eben.
1889 *l* Fulton, Edw., *M.A.*, *Ph.D.* 9, 26.
1876 Fulton, Geo. Herb., *M.D.*, *C.M.*
1888 Fulton, Willard Hill.
1885 Gammell, Isaac, 9, 26.
1878 George, John Lyall, 23.
1899 Glover, Benjamin.
1891 Goodwin, Emily Maud.
1892 *m* Graham, Robert Henry.
1898 † Grant, Clarence Fraser, 2.
1888 Grant, David Kenzie.
1896 Grant, George Alexander.
1894 Grant, Milton Daniel.
1894 Grant, Melville Finlay.
1897 † Grant, Mary Sibella.
1894 † Grant, Robert J., *B. D.*
1901 Grant, William McDonald.
1877 † Grant, William Roderick.
1892 Gratz, Humphrey Gilbert.
1894 Gray, William Smith.
1891 Grierson, John Arthur.
1890 *n* Grierson, Robert.
1872 Gunn, Adam.
1901 Hallam, Wm. Thos., 2.
1877 Hamilton, Howard Herbert.
1892 *o* Harrington, Emily Bevan, 9.
1901 Harvey, Edward Kitson, 22.
1889 Harvey, McLeod

† Deceased.
a Prof. of Histology Hfx. Med. Coll., Examiner in Bacteriology and Pathology, Dal. Coll.
b Prin. of Truro Academy.
c Sometime Fellow, and Instr. in Comp. Religion (Chicago).
d Sometime Fellow (Cornell); Prof. of History (Wisconsin Univ.)
e Sometime Scholar (Cornell).
f Sometime Gilchrist Scholar, Vans Dunlop Scholar (Edin.) and Instr. in Exper. Phys. (Purdue).
g Sometime Fellow, now Prof. of Log. and Metaphys., (Cornell) and Co-Editor *Philos. Review* and *Kant's Studien.*
h Prin. Naparima Coll., San Fernando, Trinidad.
i Sometime Scholar & Fellow (Clark).
j Sometime Member N. S. Govt.
k Sometime Scholar, (J. H. U.); Prof. of Ancient Languages (Cosmopol. Univ.)
l Sometime Scholar (Harvard); Prof. of English (Wells Coll.)
m Sometime Mayor New Glasgow.
n Medical Missionary, Korea.
o Sometime Scholar (Bryn Mawr).

1897 Hattie, Robert McConnell.
1899 Hebb, Arthur Morrison.
1894 Hebb, Bertha Boyd.
1900 Hebb, Thomas Carlyle, 15.
1889 Henry, Joseph Kaye, 30.
1895 Hepburn, Wm. Murray, 21.
1877 Herdman, Andrew Walker.
1874 Herdman, Jas. Chalmers. *D.D.* 2.
1874 Herdman, William Close.
1897 Herherington. Eva Florence.
1896 Hill, Allan Massey, *B. D.*
1892 *a* Hill, Albert Ross, *Ph. D.*, 11, 24.
1894 Hobrecker. Clara Charlotte, 8.
1898 Hockin, John George, 21.
1893 Howatt, Cornelius Alfred.
1891 *b* Hugh, David Douglas, *B. A.*, *M. A.*, 11, 24.
1873 Hunter, John.
1896 Irving, Thomas.
1894 Jamieson, Harriet Jane.
1894 Johnson, Ebenezer William.
1892 Johnson, George Fulton, *B A.*, *B. D.*, 11.
1888 † Johnson, George Millar.
1892 Johnson, James Bayne
1900 Johnstone, Montague Malcolm Stuart, 2.
1884 Jones, Frank.
1891 Jordan, Elijah John, 12.
1895 *c* Jordan, Edward Elliott, 13. 25.
1875 Jordan, Louis Hy., *B. D.*, 23.
1893 Keefler, Ralph Tupper.
1899 Keith, Donald.
1898 Kennedy, Elizabeth Erota.
1901 Kennedy, Jas. Horace.
1891 Kennedy, James Simon.
1900 Kent, Harry Arnold, 21, 30.
1880 Kinsman, Frederick Smallwood, *M. D.*
1882 Knowles, James Harris, *M. D.*
1890 Laird, Alexander.
1889 *d* Laird, Arthur Gordon, *Ph. D.*, 1, 23.
1877 Laird, George Alexander.
1882 Landells, Robert.
1885 Langille, Robert McDonald, *LL. B.*, 12, 24
1901 Lawson, David Alex.
1895 Lawson, Thomas. 14.
1895 Layton, James Smith.
1901 Layton, Robert Blackwood.
1886 Lewis, Abner Wm., *B. D.*
1898 Lewis, Bessie Blanche.
1890 *e* Lewis, Ernest William, 22.
1870 *f* Lindsay, Andrew Walker Herdman, *M. B.*, *C. M.*
1899 *g* Lindsay, Chas. Fowler, 19.
1867 Lippincott, Aubrey, *M. D.*
1885 Locke, Robert Todd.
1898 Logan, Bessie Margaret.
1893 *h* Logan, John Dan, *Ph. D.*, 11.
1894 *i* Logan, Jotham Wilbert, 1, 28.
1873 Logan, Melville D.
1877 Logan, Richmond.
1893 McArthur, Samuel Johnson, *B. D.*
1901 MacCaskill, John James.
1891 McCurdy, James Farquhar.
1877 McCurdy, Stanley Tupper.
1901 Macdonald, Archibald J.
1892 Macdonald, Alvin Fraser.
1892 Macdonald, Alex. John.
1895 Macdonald, Blanche, 14.
1873 MacDonald. Charles de Wolf.
1898 Macdonald, Daniel John.
1884 McDonald, Donald, *B. D.*
1901 Macdonald, Ewen.
1893 McDonald, Ida Grace.
1883 Macdonald, James Alex., 14, 24.
1867 † McDonald, John H.
1900 *ii* Macdonald, Murdoch Stewart, 11.
1894 Macdonald, Peter Maclaren.
1889 Macdonald, Robert James.
1888 Macdonald, William.
1881 McDonald, Wallace Mortimer.
1900 Macdonald, Wentworth Stanley, 1. 28.
1876 † McDowall, Isaac Murray.
1891 McGlashen, John Arch., *B. D.*
1874 McGregor, Daniel.
1871 *j* MacGregor, James Gordon, *D. Sc.*, *F. R SS L. E. & C.*
1896 MacGregor, Robt. Malcolm, 21, 30.
1883 MacGregor, Thomas Spear, 14.
1899 MacIntosh, Charles Campbell.
1895 McIntosh, Charles Daniel.
1890 Mackintosh, David Charles.
1892 McIntosh, Don. Sutherland, 22.
1901 Mackintosh, Finlay Grant.
1898 Mackintosh, Finlay H.
1894 Macintosh, John, *B D.*, 11.
1892 MacIntosh, John Alex., 22.
1900 Mackintosh, Peter Duncan.
1873 *k* MacKay, Alexander Howard, *B. Sc.*, *F. R. S. C.*, 14.
1897 MacKay, Alexander Leonard.
1894 † Mackay, Angus William, 11.
1899 Mackay, Annie.
1898 McKay, Catherine Wetmore.
1893 Mackay, Don. MacGregor, *M.D.*
1890 McKay, Duncan Oliver, 18.
1886 *l* Mackay, Eben., *Ph. D.*, 17, 27.
1888 Mackay, H. Martyn, *B.A.*, *Sc.*, 14.
1897 *m* McKay, Ira, *Ph. D.*, 11.
1894 Mackay, John Daniel, *B. D.*
1868 McKay, Kenneth.
1896 McKay, Mary Alexandra.
1892 Mackay, Murdoch Sutherland.
1886 Mackay, Neil Franklin, 17, 24.
1900 MacKay, Nora Katrina.
1893 *n* McKay, Thomas Calvin, 22.

---

† Deceased.
a Sometime Scholar and Fellow (Cornell); Prof. of Philosophy, (Nebraska).
b Sometime Fellow (Cornell); Prof. of Psychology, State Normal Sch. (Colorado).
c Instructor in Mathematics (Prince of Wales Coll.)
d Sometime Fellow (Cornell); Prof. of Greek (Wisconsin).
e Prin of Restigouche Gram. Sch.
f Prof. of Anatomy (Halifax Med. Coll.)
g Sometime Fellow (J.H.U.) Demon. Chem. (McGill Univ.)
h Sometime Scholar (Harv.) and Interim Prof. of Philosophy (Ursinus Coll.); Prof. of Philosophy (Univ. So. Dokota.)
i Lecturer on Classics, Dal. Coll.
ii Scholar (Cornell).
j Sometime Gilchrist Scholar and Lect. on Physics. Clifton Coll., Eng.; Prof. of Physics, (Dal.Coll.)
k Supt. of Education, N. S.
l Sometime Fellow (J. H. U.); Prof. of Chemistry (Dal. Coll.)
m Sometime Scholar and Fellow (Cornell).
n Asst. in Physics (Harv.)

1901 McKay, Wm. Alfred.
1896 McKay, William Roderick.
1900 McKee, Mabel.
1873 McKeen, James Abner.
1885 *a* MacKenzie, Arthur Stanley, *Ph. D.*, 14, 25.
1900 Mackenzie, David Wallace, 14.
1894 MacKenzie, Ellen Margaret.
1899 † MacKenzie, Geo. Norris, 11, 28.
1899 McKenzie, George Wm., 14.
1872 MacKenzie, Hugh.
1878 McKenzie, James.
1899 MacKenzie, Janie Lucinda.
1898 McKenzie, John Bradshaw.
1869 *b* † MacKenzie, John Jas., *Ph. D.*
1882 McKenzie, James Walter.
1901 MacKenzie, Luther Burns.
1888 *c* † McKenzie, William John.
1901 Mackie, Irwin Cameron, 21.
1900 McKinnon, Duncan Hugh.
1890 MacKinnon, John Archibald.
1877 *cc* McKittrick Burgess, 24.
1893 McLean, Charles Archibald.
1879 Maclean, Isaac Matheson, *M. D.*, 2.
1876 McLean, James Alexander.
1891 Maclean, John Brown, *B. D.*
1897 Maclean, Lauchlin Alexander.
1897 MacLean, Stewart Clifford, 13.
1899 McLellan, Leander Blair.
1883 McLennan, John Wm., *B.D.*, 30.
1888 McLennan, Samuel John.
18-9 MacLeod, Albert Morrison.
1875 † McLeod, Alexander, *Ph. D.*
1888 *d* † McLeod, Ambrose Watts, *M. A.*, 12.
1874 McLeod, Donald.
1901 MacLeod, Colin Arthur.
1900 Macleod, Edward Annand, 2
1890 *e* Macleod, Fred Jos., *M.A.*, 5, 23.
1888 MacLeod, George, 9, 26.
1885 McLeod, Jno. Matheson, *M.A.*
1884 McLeod, John Peter, 1, 23.
1876 † McLeod, John Wilson.
1887 McLeod, Malcolm James, 13.
1891 McMillan, Charles Edward.
1891 McMillan, Frederick Alex.
1875 McMillan, George, 24.
1895 McNairn, William Wallace.
1891 McNaughton, Elizabeth.
1867 McNaughton, Samuel.
1887 MacNeill, Charlotte Mary, 9.
1896 *f* Macneill, Murray, 13, 25.
1892 McNeill, Roderick.
1897 McOdrum, Donald.
1901 Macpherson, Malcolm James.
1894 McPhee, Margaret Janet.
1893 Macrae, Arch. Oswald, *Ph. D.*, 12.
1886 Macrae, Alexander Wm., *M.A.*
1898 *g* MacRae, Donald Alex., 1, 28.
1896 *h* McRae, Duncan Murdoch.
1891 *i* Magee, Wm. Henry. *Ph. D.*
1896 Mahon, Harry Edmund.
1901 Main, Charles Ogg.
1900 Mair, Catherine Firth.
1893 Martin, Albert John Daniel.
1885 Martin, Kenneth John, 14.
1877 Mason, William Alexander.
1888 Matheson, John Alex., *B. D.*
1897 Maxwell, George Herbert.
1897 Maxwell, Ruth Ellen.
1882 Mellish, Humphrey.
1899 Messenger, Ralph James, 14.
1869 Millar, Ebenezer D.
1890 Millar, George.
1897 Millar, James Ross.
1901 Miller, Lemuel James, 22.
1894 Milligan, George Seaton.
1899 Moody, Georgina Maud. *M. A.*
1891 Moore, Clarence Leander, 22.
1891 Morash, Albert Victor.
1895 Morris, Clarence H.
1888 *j* Morrison, Alex. McGeachy, 13, 25.
1901 Morrison, Fred. Augustus, *LL. B.*
1900 Morrison, Jno. Wm. Geddie.
1898 Morton, James Roland.
1876 Morton, Joseph Smith, *M. D.*
1895 Morton, Rupert Freeman.
1886 *k* Morton, Silvanus Arch, 13, 25.
1891 Mnnro, Christopher.
1878 Munro, George William.
1899 Munro, Henry Fraser.
1876 Munro, John.
1896 Murdoch, William Clarence.
1899 Murray, Adam Hy. Stewart, 13.
1884 *l* Murray, Daniel Alexander, *Ph. D.*, 14, 25.
1896 Murray, John Carey, *B. Sc.*
1877 † Murray, John Sprott.
1897 *m* Murray, John Tucker, 9.
1893 Murray, Lucy Christine, 11.
1898 Murray, Norman Grant.
1894 *n* Murray, Robt. Harper, *LL. M.*
1896 Murray, L. Wilbur.
1900 Myers, Chas. Allan, 21.
1878 *o* Newcombe, Edmund Leslie, *LL. B.*
1885 *p* Newcombe, Margaret Florence 10.
1886 Nicholson, Alfred, *M. A.*, 14.
1897 Nicholson, Jno. Wm. Angus, 9.
1901 Nicholson, William.
1898 † Noble, John Duncan.
1896 Oakes, Ingram.
1899 O'Brien, Clarence Wilbert.
1898 O'Brien, Milton Addison.
1899 O'Brien, Osmond Franklin.
1891 † Oliver, Allyne Cushing Litchfield, 22.
1899 Outhit, Wm. Edward.
1874 Oxley, Jas. Macdonald, *LL.B.*, 12.
1889 Paton, Vincent John.

† Deceased.
a Sometime Fellow (J. H U.); Prof. of Physics, (Bryn Mawr.)
b Sometime Prof. of Physics, (Dal. Coll.)
c Sometime Missionary, Korea.
cc Prin. of Lunenburg Acad.
d Sometime Scholar (Harv.)
e Sometime Scholar (Harv.). Sometime Prof. of English (Nebraska).
f Sometime Fellow (Cornell) and Instructor in Math. Anglo-Saxon School, Paris, and Asst. to Prof. of Math., (Dal. Coll.)
g Sometime Scholar and Fellow, now Instructor in Greek, (Cornell).
h Missionary, Korea.
i Sometime Fellow, and Assistant in Chemistry (Cornell); Prin. High School, Parrsboro.
j Sometime Instructor in Physics, (Chicago Univ)
k Lecturer on Descriptive Geometry, (Dal. Coll.)
l Sometime Fellow (J. H. U) and Asst. Prof. of Math. (Univ. of City of New York); Professor of Mathematics, (Dal. Coll.)
m Instructor in English (Univ. of Cincinnati).
n Sometime Lect. on Law, (Un. Me.)
o Dep Min. of Justice.
p Teacher Hfx. Ladies' College.

1882 Patterson, George Geddie.
1877 † Pitblado, Colin, *M. D., C. M.*
1895 Polley, James Frederick.
1872 † Pollok, Alexander W.
1893 Putnam, Harold.
1889 † Putnam, Homer.
1894 Putnam, James Fleming.
1887 Putnam, William Graham, *M. B., C. M.*
1900 Ramsay, Ernest Herb., 21.
1899 Ramsay, James Archibald.
1898 Rankine, James Miller.
1900 Rankine, John.
1890 Rattee, Edward Joseph.
1900 Read, Edith MacGregor, 14.
1898 Read, Hibbert Robert.
1897 Reid, David McKeen.
1899 Rice, Grace Eliz. Bernard.
1986 Robb, Alexander Francis.
1892 *a* Robertson, Samuel Napier.
1888 Robertson, Thos Reginald, 30.
1895 *b*† Robins, Edwin Proctor, 11, 28.
1886 *c* Robinson, Alexander, 1, 23
1891 Robinson, Charles Budd, 21, 30.
1893 Robinson, David Magee.
1885 Robinson, George Edward, 14.
1873 Robinson, Joseph Millen.
1896 Rodgerson, James Alexander Cummings, 22.
1878 Rogers, Anderson.
1867 Ross, Alexander.
1897 Ross, Arthur.
1900 Ross, David Charles.
1901 Ross, Daniel Edward.
1893 Ross, George Edw., *B.D.*, 22, 30.
1899 Ross, George Murray.
1893 Ross, Hedley Duncan Vicars, *B. A., Ph. D.*, 5.
1895 *d* Ross, Jennie Wright, 21, 30.
1900 Ross, John Samuel.
1894 *e* Ross, Mary Sophia, 13.
1899 Ross, Theodore, 21, 30.
1873 Ross, William.
1898 Ross, Wm. Alexander.
1896 Ross, William Daniel.
1899 Routledge, Arthur Weston.
1890 *ee* Rowlings, George Anderson Row, 14.
1901 Ruggles, Vernon Douglas.
1871 Russell, Alexander Gatherer.
1890 Schurman, George Wellington, *LL. M.*, 21
1872 *f* Scott, Ephraim.
1870 *g* Scott, Hugh McDonald, *D. D.*
1877 † Scott, John McDougall.
1881 Sedgewick, James Adam, 30.
1867 *h* Sedgewick, Hon. Robert
1898 Sedgewick, Wm Harry, 21, 30.
1896 Sedgewick, William Middleton
1887 Shaw, Henry Curtis, 10.
1887 *i* Shaw, Jas. Curtis, *M. A.*, 1, 23.
1897 Shaw, Percy James.
1866 † Shaw, Robert.
1897 Shinner, Harry Robert.
1894 *j* Simpson, Francis S, *B. A.*, 9.
1868 Simpson, Isaac S.
1900 Simpson Ruth.
1895 Smith, Alexander.
1867 Smith, David H.
1867 Smith, Edwin.
1890 Smith, Edmund Botterell, *M.A.*
1886 † Smith, James Fearus, *B.D.*, 10.
1894 Smith, William Henry, *B. D.*
1889 Smithers, Allan.
1888 *k* Soloan, David Matthew, 10.
1900 Spencer, Arthur Gordon.
1881 Spencer, William Herbert.
1891 *l* Stairs, Henry Bertram.
1898 Steeves, Blanchard Perley.
1887 Stewart, Alex. Forrester, 30.
1886 Stewart, Dugald, *M. D.*, 13.
1889 *m* Stewart, Frank Ingram.
1876 † Stewart, Jas. MacGregor, 14, 24.
1882 Stewart, Thomas, *B. D.*
1896 Stirling, Alexander Dinwoodie.
1895 Stirling, John, 11, 28.
1875 *n* Stramberg, Hector M.
1895 Strathie, Ralph Grant, *B. D.*
1896 Sutherland, George Adams.
1869 Sutherland, John M.
1888 Sutherland, John Sanders, 9, 24.
1894 Tattrie, George Phillips.
1884 † Taylor, William Bell.
1885 Thompson, Alfred Whidden, *M. A.*, 10.
1891 Thompson, Fenwick Williams.
1897 Thompson, Margaret.
1893 Thompson, Willard Sutherland
1880 Thomson Albert Edward, *M. B., C. M.*, 30.
1900 Thomson, Charles Alex., 1, 28.
1870 *o* Thorburn, Walter Millar.
1882 Torey, Edgar James.
1895 *p* Trefry, James Hartley.
1872 *q* Trueman, Arthur I., *D. C. L.*
1882 *r*† Trueman, James Starr, 2, 23.
1885 Tuffts, Wm. Mann, *D. D.*, 30.
1891 *s* Tupper, James Waddell, *Ph. D.*, 9, 23.
1884 Turner, Dawson Fyers Duckworth, 30.
1877 *t* Waddell, John, *Ph. D., D. Sc.*, 14, 23.
1897 Waddell, Wm. Henry, jr.
1870 Wallace, John.
1898 Watt, Arthur William, 13.
1892 *u* Webster, Kenneth Grant Tremayne, *M. A.*, 9.
1900 Weldon, Jos. Wm., 22.
1891 West, Thomas Fred.
1892 Weston, Clara Paine, 14.
1892 Weston, Rolfe Andrews, 14.
1878 Whitman, Alfred.
1901 Williams, Winifred Boak, 22.
1897 Wilkie, Florence Annie.
1898 Wood, George.
1900 Worsley, Pennyman John.
1894 Yorston, Frederick, *B. A.*, 10.

† Deceased.
a Prin. of Prince of Wales Coll., P. E. I.
b Sometime Scholar and Fellow, (Cornell).
c Supt. of Education, Brit. Columbia.
d Prin. Kentville Academy.
e High School, Honolulu
ee Sometime Assistant to the Prof. of Math., (Dal.)
f Editor, *Presbyterian Record*.
g Prof. of Ch. History (Chic. Theol. Sem.)
h Judge of Supreme Court of Canada.
i Sometime Scholar, (Harvard).
j Prin. of New Glasgow High School.
k Prin. Normal School, Truro.
l Capt. H. Company, R. C R. I.
m Prin. Sydney Academy.
n Prin. Westminster High School.
o India Civil Service, Madras.
p Prin. Morris Street School, Halifax.
q Judge of Probate, St John, N. B.
r Sometime Scholar (J. H. U.). and Prof. of Greek and Latin (Allegheny Coll.)
s Sometime Scholar (J. H. U.); Prof. of English, Western Univ., Ont.; now Associate in Eng., (Bryn Mawr Coll.)
t Sometime Vans Dunlop Scholar, (Edin.), and Prof. of Chem., School of Mining, Kingston.
u Sometime Scholar, (Harv.)

BACHELORS OF LETTERS.

(For the signification of numbers affixed to the names, see page 146.)

1897 Crockett, Albert Edwin.
1892 Fraser, James Gordon.
1895 Gunn, Alexander Donald.
1896 Hill, Amy
1899 Hobrecker, Alma Helena.
1896 Johnston, James Robinson.
1900 Lanos, Jules Marie.
1899 Lawlor, Gertrude Louise, 13.
1894 Macdonald, Alex. Donald.
1895 McKay, William Park.
1893 MacKinnon Wm. Thos. Morris.
1896 Marshall, Lillian Elizabeth.
1891 Montgomery, John.
1891 *a* Muir, Ethel, *Ph. D*
1887 *b* Ritchie, Eliza, *Ph. D.*, 11.

BACHELORS OF SCIENCE.

(For the signification of numbers affixed to the names, see page 146.)

1900 Anderson, Bernard Chas., 13.
1897 Archibald, Ebenezer Hy., 29.
1893 Arthur, George.
1897 Blair, Alexander David.
1901 Boehner, Reginald Stephen, 20.
1882 Cameron, Alexander George.
1900 Campbell, Dun. McDonald, 14.
1885 *c* Campbell, Geo. Gordon, *M. D.*
1898 Cook, Alexander David
1899 Cordiner, Charles Alonzo.
1895 Forrest, William Duff.
1880 Fraser, Wm. Matheson, 24.
1901 Gould, William Matthew
1895 Lange, Christian Christoph. Andrew, 22
1883 McColl, Archibald.
1896 *d* McIntosh, Douglas, 20, 29.
1896 McIntosh, Donald Sutheriand.
1892 MacKeen, Geo. Wilbert, *M.D.*
1894 McKittrick, Frederick James Alexander, 14, 29.
1885 Miller, John James.
1898 Morrison, Hugh Thomas, 14.
1901 O'Brien, Mary Augusta, 21, 30.
1893 O'Brien, Robert Faulkner.
1900 Pasea, Chas. Munro, 15, 25.
1883 Reid, Arthur Gordon, *M. B.*, *C. M.*, 13, 25.
1884 Smith, Henry McNeil
1886 *e* Stewart, Anne Amelia, 14.
1900 Stewart, Eliz. Helen, 20.
1897 *f* Tait, Jas. Sinclair, *B. S.*, (Mt. All.) *M. D.*, *ad eundem.*
1901 Wood, Burton Justice.

BACHELORS OF LAWS.

1897 Aitken, Robert Traven Davison, *B. A.*
1891 Allison, Edmund Powell, *B.A.*
1900 Allison, Harry Augustus, *B.A.*
1893 Anderson, Albert Hudson, *B.A.*
1890 Armstrong, Bennett Hornsby.
1888 Armstrong, Ernest Howard.
1899 Ayre, Geo. Wm. Bulley.
1895 Barnstead, Art. Stanley, *B. A.*
1900 Begg, Wm. Alex.
1885 Bennett, Albert Watson.
1893 Bennett, Richard Bedford.
1896 Bigelow, Harry Veeder, *B. A.*
1892 Bill, Edward Manning *B. A.*
1892 Blackadar, Hugh Saxon, *B. A*
1885 Boak, Henry Westman Conroy
1894 Borden, Henry Clifford.
1890 Bowser, William John.
1898 Boyd, John Albert, *B. A.*
1893 *g* Brown, Harry Whildden, *B. A.*
1899 Burchell, Charles Jost, *B. A.*
1894 *h* Burns, Clement Bancroft, *B.A.*
1880 *i* Cahan, Charles Hazlitt, *B. A.*
1892 Calder, Frederick.
1893 Cameron, Daniel Alexander.
1899 Cameron, Jno Alex. Hugh, *B.A.*
1889 Campbell, Alexander.
1889 Campbell, Alex. John, *B A.*
1888 Campbell, John Roy, *B. C. L.*
1887 Carter, Titus James.
1886 Carter, William Doherty.
1892 Casey, Clarence E., *B. A.*
1886 Chisholm, Joseph Andrew.
1887 Cluney, Andrew.
1891 Congdon, Frank Hinkle.
1889 Congdon, Fred Tennyson, *B.A.*, *LL. B.*, (*Tor.*), *ad eund. grad.*
1894 Copp, Arthur Bliss.
1892 Corbett, Jacob Edward.
1894 Crowe, Robert William, *B. A.*
1886 *k* Crowe, Walter.
1901 Cumming, Lyman Hodge.
1898 Cummings, Alf. Graham, *B.A.*
1889 Cummings, Selden Wm., *B. A.*
1900 Davison, Avard Longley, *A. B.*
1891 Davison, Jas. MacGregor, *B.A.*
1892 Dockrill, George O'Gorman Mahon.
1899 Douglas, John Carey, *A. B.*
1885 Doull, Walter Scott, *B. A.*
1892 Doyle, Matthew Nicholas.
1890 Fairweather, Fredk. Laurence.
1891 Fairweather, Stewart Lee.
1899 Fawcett, John Louis.
1897 Ferguson, Wm. McMillan.
1895 Finlayson, Duncan, *B. A.*, *M. P. P.*
1898 Finn, Robt. Emmett Dominick.
1889 Forsythe, Geo. Ormond, *B. A.*

---

a Sometime Prof. of Philosophy Mt.) Holyoke).
b Sometime Fellow (Cornell) and Prof. of Philosophy (Wellesley Coll.)
c Lecturer on Clin. Medicine (McGill)
d Demon. Chem. (McGill Univ.)
e Sometime Scholar (Bryn Mawr)
f Med. Supt Hosp. for Insane, Nfld.
g Priv. Secy. Min. Militia, Ottawa.
h Priv. Secy. Min. Finance, Ottawa.
i Lecturer on Torts (Dal. Coll.)
k Mayor, Sydney, C. B.

1890 Frame, Joseph Fulton.
1892 *a* Fraser, Alex Hugh Ross.
1898 Fraser, Thomas Munro.
1899 Freeman, Churchill Locke, *A.B.*
1895 Fullerton, Charles Percy.
1892 Fulton, Edgar Melville.
1893 Fulton, Joseph Avard.
1892 Fulton, Willard Hill, *B. A*
1895 Girroir, Edwd. Lavin, *B. A.*
1893 Graham, Robert Blackwood.
1894 *b* Graham, Robert Henry, *B. A*
1895 Grant David Kenzie. *M. A.*
1899 Gray, Wm. Smith, *B. A.*
1888 Gregory, Charles Ernest.
1893 Grierson, John Arthur, *B. A.*
1897 Gunn, Alexander Donald, *B.L.*
1900 Hale, Morley, *B. A.*
1900 Hall, Wm. Lorimer, *A B.*
1890 † Hamilton, Chs. Francis, *B. A.*
1901 Hanson, Rich. Burpee, Jr., *B.A.*
1887 Hanright, Fredk. Wm., *B. A.*
1886 Henry, William Alexander.
1894 Hewson, Edgar Ellis, *B. A.*
1894 Hill, Wm. Arthur Gesener.
1896 Hood, John.
1890 Howay, Frederick William.
1890 Huggins, William Hugh
1894 Irving, Robert Archibald.
1895 Ives, Welsford Black.
1900 Jardine, David, *B. A.*
1896 Jenks, Stewart Dixon, *LL. B.*
1886 Jennison, Hedley Vicars.
1892 Johnstone, Lewis Martin.
1898 Johnston, Jas. Robinson, *B. L.*
1888 Jones, Harry Treadway.
1898 Kaulbach, Rupert Creighton.
1895 Keefler, Ralph Tupper, *B. A.*
1901 Keith, Donald, Jr, *B. A.*
1893 Kenny, Joseph Burke.
1899 Killam, Cecil, *A M.*
1895 King, Henry Wyeth DeWolfe.
1897 Knight, James Arminius
1887 Lane, Charles Wilkins.
1898 Leahy, William James.
1885 LeNoir, Melaim Uniacke.
1891 Logan, Hance James, *M. P.*
1896 Loggie, William James.
1889 Lovett, Henry Almon, *B. A.*
1895 Lovett, Laurence Arthur.
1887 Lyons, William Alexander.
1890 *c* McBride, Hon. Richard.
1896 † McCart, Leander Davison, *B A.*
1893 McCoy, Wensley Blackall, *B.A.*
1888 McCready, Charles Alexander.
1887 McCully, Frank Arthur, *B. A.*
1894 Macdonald, Alvin Fraser, *B.A.*
1891 McDonald, Allan Joseph, *B.A.*
1887 Macdonald, Edward Mortimer, *M. P. P.*
1899 MacDonald, Finlay.
1891 McDonald, Joseph.
1886 Macdonald, James Alex., *B.A.*
1892 McDonald, Lauchlin Xavier.
1890 McDonald, William, *B. A.*
1893 MacEchen, Francis Alexander
1895 MacIlreith, Robert T.
1888 *d* McInnes, Hector.
1899 McIntyre, Archie A., *B. A.*
1888 *e* Mackay, Adams Archd., *B. A.*
1899 MacKay, Henry Seaton.
1899 MacKay, John James.
1897 McKay, John William.
1896 McKay, Robert Sims.
1897 MacKenzie, Alex. George.
1887 Mackinnon, Donald Alexander, *M. P. P.*, (*P. E. I.*)
1892 MacKinnon, Jno Archd,. *B. A.*
1897 McKinnon, Jno. Lauchlin, *B.A.*
1898 McLatchy, Harry Otis.
1887 McLatchy, Henry Francis
1892 McLean, Alexander Kenneth.
1895 McLean, Chas. Archibald, *B.A.*
1898 McLeod, John Robert.
1888 McLennan, Daniel.
1899 MacMillan, Neil A., *B. A.*
1891 McNeil, Alexander, *B. A.*
1889 McNeill, Albert Howard, *K.C.*
1901 Macneil, Malcolm George.
1890 McPhee, Daniel Lochlan.
1897 McPhie, Stewart.
1896 McVicar, Ronald.
1900 Maddin, James William.
1888 † Magee, Edgar Allison.
1898 Mahon, Harry Edmund, *B. A.*
1893 March, Stephen Edgar.
1892 Mathers, Frederick Francis.
1901 Matheson, Donald Frank
1899 Matheson, Joseph Duncan.
1890 Mellish, Humphrey, *B. A.*
1886 Milliken, Albert Edward.
1898 Mills, Nehemiah Marks.
1893 Montgomery, John, *B. L.*
1885 † Mooney, Patrick C. C.
1872 *f* Morine, Hon. Alfred Bishop, *M. P., Nfld.*
1898 Morrison, Aulay McAulay, *M. P.*
1897 Morrison, Fred Augustus.
1897 † Morrison, Jno. Strople Metzler.
1885 Morse, Charles.
1897 Moseley, Edgar William.
1893 Munro, Henry Havelock.
1899 Murphy, Thomas Wm.
1901 Murray, Norman Grant, *B. A.*
1872 Murray, Robert Gray.
1836 *g* Murray, Robert Harper, *B.A.*, *L. L. M.*
1899 Newcomb, Louis Forrester.
1898 Nichols, Edward Hart, *B. A.*
1899 Nichols, Frank Wm., *A. B.*
1898 Nichols, George Everard Edgehill.
1890 Notting Thomas.
1898 Oakes, Ingram, *B. A.*
1898 O'Connor, William Francis.
1897 O'Donoghue, Richard. *B. A.*
1900 O'Hearn, Walter Jos. Aloysius.
1901 *h* Oland, John Culverwell.
1899 O'Mullin. John Coll.
1895 Outhit, James Francis.
1890 Oxley, Charles Howard, *B. A.*
1898 Parsons, George Harold, *B. A.*
1898 Parsons, Wm. Rufus, *B. A.*
1891 Paton, Vincent J., *B. A.*
1889 Patterson, Geo. Geddie, *M. A.*
1893 Payzant, John Albert, *B. A.*
1894 Payzant, William Lewis, *B.A.*
1900 Pearson, George Frederick.
1897 Phalen, Robert Francis.
1896 Pineo, Avard Vernon, *B. A.*
1893 Puddington, Henry Fisher.
1901 Pugsley, Wm. Gaetz, *B. A.*
1898 Purdy, Henry Alden, *B A.*
1898 Purney Willard Parker.
1898 Putnam, Harold, *B. A.*
1901 Regan, Osmond R.
1901 Reynolds, Maynard Martin.
1899 Richardson, John William.

---

† Deceased.
a Law Librarian (Cornell Univ).
b Sometime Mayor of New Glasgow.
c Min. of Mines, British Columbia.
d Lecturer on Procedure (Dal. Coll.)
e Law Clerk N. S. Legislature.
f Sometime Member of Nfld Govt.
g Sometime Law Lect. (Maine Univ.)
h L'eut. S. A. Constabulary.

1890 Roberts, John Arthur.
1886 Robertson, Henry McNeil.
1898 Robertson. Henry Whitford
1894 Robertson Struan Gordon, *B.A.*
1890 Robertson, Thos. Reg'ld, *B. A.*
1887 Rogers, Henry Wyckoff.
1889 Ross, Henry Taylor, *B. A.*
1899 Ross, Howard Salter, *A. B.*
1896 Ross Hugh.
1901 Routledge, Arth. Weston, *B.A.*
1893 Rowlings. George Anderson Row, B. A.
1891 Russell, Frank Weldon, *LL M.*
1893 Russell, Joseph Ambrose.
1892 Sangster, Herb. Warren, *B. A.*
1899 Sargent, Joseph Heinrich.
1892 Schurman, George Wellington, *LL. M.*
1896 Scott, Frank Brettle, *B. A.*
1895 Sedgewick, Jas. Adam, *B. A.*
1891 Shaw, Alfred Enos, *B. A.*
1895 Shaw, George Smith
1890 Sinclair, John Archibald.
1899 Slayter, James Morrow
1892 Smith, Bowyer Sydney.
1893 *a* Stairs, Harry Bertram, *B, A.*
1800 Stevens, Daniel Joshua.
1901 Sutton, Francis James.
1896 Ternan, Gerald Constantine Breifui.
1900 Ternan, Patrick Breifui.
1896 Thompson, Stanley Rufus.
1893 Thompson. William Ernest.
1887 Thomson, Walter Kendall.
1893 Tilley, Leonard Percy DeWolfe.
1889 Tobin, Thomas Finlayson.
1895 Tremaine. Charles Frederick.
1886 Troop, Arthur Gordon, *B. A.*
1892 Trueman, Walter Harley.
1898 Tufts, Clifford Ashton, *B. A.*
1897 Vernon, Gilbert Hugh
1899 Waddell, Wm. Henry, *B. A.*
1885 *b* Wallace. William Bernard.
1885 Walsh, William Walter.
1886 Wells, William Woodbury, *M. P. P., N. B.*
1891 White, Thos. Howland, *B. A.*
1889 Whitford, Joseph Arthur.
1885 Whitman, Alfred, *B. A.*
1891 Wickwire, Harry Ham, *B. A., M. P. P.*
1896 Wood, John Elijah, *B. A.*
1893 Woodworth, Chs. Milton, *B A.*

DOCTORS OF MEDICINE AND MASTERS OF SURGERY.

1899 Almon, William Bruce.
1898 Archibald, Matthew George.
1899 Atkinson, Edward Payson.
1897 Bentley, Robie Dugwell, *B. A.*
1875 Bethune, John Lemuel.
1897 Bissett, Ernest Eugene.
1900 Braine, Laurence Bernard Wilfred.
1900 Braine, Winifred Brenda.
1898 Brehm, Robert Almon, *L. R. C. P. (Lond.), M. R. C. S. (Eng.)*
1897 Brown, Martha Wyman,
1875 Bruce, William T., *B. A*
1898 Buckley, Avery Fillis.
1893 Byers, David Walter.
1874 *c* Campbell, Donald Alexander.
1874 Chisholm, Donald.
1893 Coady, Patrick Francis.
1894 Cogswell, William Furlong.
1875 Cox, Robinson.
1901 Crosby, Leander Marshall.
1894 Dechman, Andrew Arthur.
1872 † DeWolfe, George H. H.
1898 Dickey, Hugh Leverette.
1901 Dickson, Charles Harold.
1897 Dorman, Oscar Chipman.
1892 Drysdale, George Nelson.
1900 Dymond, Wm Adams.
1900 Ernst Victoria Sarah.
1895 Fairbanks, Harry Gray.
1899 Farrell. Edward Dominick.
1899 Farrell. Louis Patrick.
1901 * Faulkner, Eben Ross, *B. A.*
1900 Forbes. Albert Ernest.
1898 Forrest, William Duff, *B. Sc., L. R. C. P. (Lond.), M. R. C. S. (Eng.)*
1897 Fraser, Alexander, *B. A.*
1898 Gandier, George Gaw.
1897 Gates, Charles Randall.
1900 Giovanetti, Louis John.
1899 Goodwin, Wendell VanKleeck.
1892 Grant, William.
1897 Grierson, Robert, *B. A.*
1894 Hamilton, Annie Isabella.
1891 Hamilton, Charles Alfred.
1872 † Hiltz, Charles William.
1892 Irwin, Archer.
1891 Johnson, Isaac Wellwood, *L. R. C. P. (Edin.)*
1890 Kent, Hedley Vicars.
1875 *d* Lindsay, Andrew Walker Herdman, *B. A., M. B., C. M.*
1893 McAulay, Murdoch William.
1892 McCharles, Roderick William.
1898 MacDonald, Daniel
1898 McDonald, Edw. Murray.
1896 MacDonald, John Clyde.
1896 MacDonald. William Henry.
1896 McEwen, Henry Emanuel.
1893 † McGeorge, Thomas.
1899 MacKay, John St. Clair.
1895 MacKay, Katherine Joanna.
1898 McKenzie, Murdoch Daniel.
1899 McLean, Murdoch Thomas.
1899 McMillan, Charles Edward, *B. A*
1872 MacMillan, Finlay.
1872 † McRae, William.
1893 Meyer, Edward J.
1874 Moore, Edmund.
1895 Moore, Ernest Fraser.
1893 Morrow, Arthur, *M. B., C. M. (Edin.) ad eundem gradum.*
1898 Morton, Angus McDonald.
1874 Muir, William S, *L. R. C. P. & S. (Edin.)*
1895 Munro, Cranswick Burton.
1899 Munroe. James Gilbert
1895 Murphy, George Nelson, *M.D.*
1896 Murray, Duncan.

† Deceased
a Capt. H. Co. Sth. African Contgnt.
b Judge County Court, Halifax.
c Prof. of Medicine (Hfx. Med. Coll.)
d Prof. of Anatomy (Hfx. Med. Coll.)
* Dr Farrell Gold Medallist.

1901	O'Brien, Milton Addison, *B.A.*	1896	Ross, Alexander.
1901	O'Donnell, Florence Maud.	1900	Salter, Orlando Ray.
1896	Olding, Clara Mary.	1899	Shaw, Sidney Everett.
1897	Payzant, Henry Allison.	1895	Simpson, Henry Osmond.
1900	Pennington, John Wesley.	1896	Slauenwhite, Stephen Sinclair
1900	Pratt, Nelson.	1872 †	Sutherland, Roderic
1899	Randall, Mary Leila.	1900	Taylor, Frank Woodland.
1900	Reynolds, James.	1901	Thomas, Lewis.
1900	Reynolds, Wm. Pearson.	1898	Thompson, Alfred
1893	Rice, Frank Ernest.	1892	Turnbull, George Dykeman.
1901	Roach, Edwin Bishop.	1901	Wardrope, Monson James.
1901	Robbins, Welton Havelock.	1896	Williamson, Samuel W.
1875	Robert, Casimir.	1901	Woodland George Hart.
1900 *	Rodgerson, James Alexander Cummings, *B. A.*	1892	Woodworth, Percy Churchill.

STUDENTS, 1900-1901.

FACULTY OF ARTS.

(The number in some cases affixed to the name, indicates the number of years attended by the student as candidate for a degree.)

Acham, Joseph Leon, 1.....Trinidad, W. I.
Allan, Katie C.....Halifax.
Andrew, George Allen, 1.....Arichat.
Archibald, Frank Rogers, 1.....Halifax.
Archibald, George Grassie, 3.....Truro.
Barnstead, Ethel Lorriane.....Halifax.
Batton, Viola May, 1.....Clarence, Annapolis.
Bauld, Duncan Stanley, 1.....Halifax.
Baxter, Elizabeth Campbell.....Halifax.
Bayer, Harriet Muir, 1.....Halifax.
Begin, Thurston Stanley, 1.....Mahone.
Belcher, Ethel S.....Halifax.
Bent, Gesner Torrey.....Halifax.
Bentley, Regina Alice, 3.....Halifax.
Best, Lillian Gertrude, 4.....Grafton, Kings Co.
Bigney, Anna Letha.....Wentworth.
Blackwood, Elizabeth Florence, 1.....Halifax.
Blanchard, Melville Waddell.....Truro.
Blois, Harry Hope, 2.....Halifax.
Bradley, John Alexander, 4.....Princeport, Col.
Braine, Annie Morris, 1.....Halifax.
Brunt, Howard Dayne, 1.....Halifax.
Cameron, Annie.....River John.
Cameron, Guy, 2.....Charlottetown, P. E. I.
Cameron, John James, 1.....Port Hawkesbury.
Cameron, Thomas Gordon, 1.....North Lochaber.
Campbell, Jessie Bell, 3.....Baddeck.
Campbell, Margaret Primrose Dickson.....Tatamagouche.
Cann, Jeanette Aubrey, 3.....Yarmouth.
Carney, Michael J, 1.....Halifax.
Chisholm, Maud, 4.....Dartmouth.
Christie, Clarence Victor, 3.....Halifax.
Christie, George Archibald, 3.....Halifax.
Coffin, Ernest William, 3.....Charlottetown, P. E. I.
Coffin, George Arthur, 1.....Durham.
Coffin, Wesley Herbert, 2.....St. Peter's Harbor, P. E. I.

* Dr. Farrell Gold Medallist. † Deceased.

Corbett, William Melville, 1.....Blackville, N. B.
Covey, Fannie Ruth.....Halifax.
Crowdis, Charles Jacob, 1.....Rossville, C. B.
Currie, Anna Duncan.....Halifax.
Curry, Stewart Lithgow.....Halifax.
Davis, David Gray, 2.....Clifton, Col.
Daviss, Alfred Edward, 2.....Halifax.
Donovan, Florence Eleanor, 2.....Truro.
Elliott, Sarah Primrose, 1.....Lower Granville.
Fash, Ida Mabelle, 2.....Bridgetown.
Ferguson, Alexander, 1.....Port Morien.
Fleming, Ernest Martin, 3.....Great Village.
Forrest, Jean Fairbanks, 4.....Halifax.
Frame, Harry Allan, 1.....Shubenacadie.
Frame, Stanley Howard, 1.....Gay's River.
Fraser, Everett, 1.....North Lake, P. E. I.
Fraser, Hugh James.....Pictou.
Fraser, Wellesley, 1.....New Glasgow.
Fraser, William Pollok, 3.....New Glasgow.
Fulton, Thomas Truman, 3.....Bass River.
Gordon, Jean Anna May, 4.....River John.
Gordon, Wilhelmina, 1.....Halifax.
Grant, William MacDonald, 4.....New Glasgow.
Hallam, William Thomas, 4.....McAdam, N. B.
Harvey, Edward Kitson, 4.....Halifax.
Hebb, Thomas Carlyle, B. A.....Bridgewater.
Hobrecker, Hedwig.....Halifax.
Howatt, Irving Brass, 3.....French River, P. E. I.
Hudson, John William, 1.....Eureka.
Johnson, Allan Chester, 3.....Loch Broom, Pictou Co.
Johnston, Arthur James Dwight.....Dartmouth.
Johnston, May McNutt, 2.....Truro.
Kelly, William Liguorie, 1.....Halifax.
Kennedy, James Horace, 4.....Halifax.
Kennedy, Margaret Jessie.....Halifax.
Kirker, Elbridge Archibald, 1.....Quoddy.
Lamb, Alexander Scrimgeour, 1.....Chapman, N. B.
Langille, Gilbert Webster, 1.....River John.
Lawson, David Alexander, 4.....Grafton, Kings Co.
Layton, Robert Blackwood, 4.....Marshfield, P. E. I.
Liechti, Minna.....Halifax.
Lindsay, Frances Jean, 2.....Halifax.
Locke, Enos Charles, 2.....Lockeport.
Logan, Frank Robert, 1.....Musquodoboit Harbour.
Loughead, George William, 2.....Beaver Brook.
Low, Margaret.....Halifax.
MacCaskill, John James, 4.....Little Narrows, C. B.
MacCurdy, Rahno Mabel, 2.....Onslow Station.
Macdonald, Archibald J. 4.....Cape Breton.
Macdonald, Campbell, 2.....Halifax.
Macdonald, Charles M, 1.....Halifax.
Macdonald, Ewen, 4.....Murray Harbour Road.
MacDonald, Henry Charles, 1.....Sydney, C. B.
MacDonald, John Duncan, 2.....Barney's River.
McDonald, Roderick, 1.....Springhill.
McDonald, William, 4.....Springville.
MacDougall, Euphemia Mary, 2.....Truro.
Mackintosh, Finlay Grant, 4.....Springville.
Mackintosh, Peter Duncan, B. A.....St. George's Channel, C. B.
McIntosh, Mary Gertrude, 1.....Truro.
McKay, Daniel L, 2.....Reserve Mines.

MacKay, George Moir Johnstone, 1.....Dartmouth.
MacKay, Katherine D.....McLellan's Brook.
MacKay, Victor Neil.....Earltown.
McKay, William Alfred, 4.....West Branch, River John.
MacKean, George Angus Ross, 1.....West Lahave.
MacKean, James Alexander.....West Lahave.
McKee, Mabel B, 4.....Fredericton, N. B,
McKeen, William George, 3.....Mabou, C. B.
MacKeen, Winifred, 2.....Windsor.
MacKenzie, Kenneth Ferns, 3.....Truro.
MacKenzie, Luther Burns, 4.....Bedford.
MacKenzie, Sophia Stewart.....River John.
MacKenzie, Thomas George, 1.....River John.
MacKenzie, William Roy, 3.....River John.
Mackie, Irwin Cameron, 4.....Brockton, Mass.
McLeod, Arthur Dewar, 2.....Strathlorne, C B.
MacLeod, Colin Arthur, 4.....Springhill.
McLeod, Daniel John, 2.....Valleyfield, P. E. I.
MacLeod, John Charles.....Port Caledonia, C. B.
McNutt, Flora Belle, 1.....Halifax.
Macpherson, Malcolm James, 4.....Uigg, P. E. I.
MacQueen, Georgina, 1.....New Glasgow.
McQueen, Norman, 4.....Whitney Pier, C. B.
Main, Charles Ogg, 4.....Kingston, Kent, N. B.
Malcolm, James, 2.....St. John, N. B.
Marshall, Guilford Roneo .....Halifax.
Matheson, Charles Winfield William, 2.....St. Avards, Charlottet'wn
Meek, John Geddie, 2.....Truro.
Mellish, James Roland, 2.....Halifax.
Miller, George William, 2.....Newport.
Miller, Lemuel James, 4.....Charlottetown, P. E. I.
Mitchell, George Alfred, 2.....River John.
Mitchell, Gertrude Clara, 1.....Halifax.
Moody, Margaret Hutton, 4.....Halifax.
Morrison, Bertha Leila, 3.....Dartmouth.
Morrison, Frederick Augustus, 4.....Milltown, C. B.
Muir, David Holmes, jr, 1.....Truro.
Murray, Thomas Watson.....Earltown.
Myers, Charles Allan, B. A.....Lake Verde, P. E. I.
Myers, A. J. William, 3.....Lake Verde, P. E. I.
Nicholson, Daniel J, 3.....Englishtown, C. B.
Nicholson, William, 4.....River Charlo, N. B.
Parsons, William Henry, 1.....Harbour Grace, Nfld.
Payzant, Arthur Silver, 1.....Halifax.
Pearson, Ethel M.....Halifax.
Perkins, Ella Dawson, 2.....Charlottetown, P. E. I.
Power, William Kent, 1.....Halifax.
Proudfoot, James A, 2.....Saltsprings.
Quirk, Edward James, 1.....Halifax.
Rackham, William Henry, 1.....Amherst.
Ramsay, Ernest Herbert, B. A.....Hamilton, P. E. I.
Rand, Annie Mack, 3.....Canaan.
Read, Winifred, 3.....Halifax.
Richardson, Lophemia, 3.....Truro.
Rielly, John Franklin, 3.....Summerside, P. E. I.
Ritchie, Alan Bruce, 1.....Halifax.
Ross, Daniel Edward, 4.....North Bedeque, P. E. I.
Ross, William H.....Pictou.
Ross, William McMillan, 1.....Earltown.
Roy, Alexander, 2.....Maitland.
Ruggles, Vernon Douglas, 4.....Halifax.

Russell, Benjamin, jr.....Dartmouth.
Sanderson, Bessie Milne.....Halifax.
Scrimgeour, James Amos, 1.....Amherst.
Sedgewick, George Herbert, 3.....Middle Musquodoboit.
Shaw, Robert McLeod, 3.....Penobsiquis, King's, N.B.
Smith, Alonzo Alexander, 2.....New Glasgow.
Smith, Daniel Murray, 2.....Truro.
Smith, Olive Winifred, 2.....Halifax.
Spencer, Minnie Grace, 1.....Halifax.
Spicer, Howard James, 1.....Wharton.
Sproule, Mary J.....Parrsboro'.
Stairs, Gilbert Sutherland, 2.....Halifax.
Stairs, Susan Isabelle.....Halifax.
Stavert, Robert Hensley, 3.....Clark's Mills, P. E. I.
Sutherland, Robert Hiram, 1.....River John.
Thomas, Louise Lorne, 3.....Truro.
Trueman, John MacMillan, 1.....St. John, N. B.
Tucker, Hilton, 2.....Parrsboro'.
Upham, Hugh McMillan, 2.....Halifax.
Vance, Frederick Smith, 3.....Folly Village.
Webster, Winifred May, 2.....Waterville.
Weldon, Richard Chapman, jr, 1.....Halifax.
Williams, Winifred Boak, 4.....Boston, Mass.
Wood, Arthur.....Halifax.
Wood, Jennie Aileen.....Halifax.
Young, Alexander McGillivray, 2.....Millsville, Pictou Co.
Young, Luther Lisgar, 2.....Millsville, Pictou Co.

FACULTY OF SCIENCE.

Baxter, Norman McLeod, 2.....Halifax.
Boehner, Reginald Stephen, 4.....Paradise.
Campbell, James A, 3.....Heatherdale, P. E. I.
Campbell, Robert.....Halifax.
DeWolfe, Loran A, 2.....West Gore, Hants Co.
Dobson, Frederick William.....Halifax.
Elliott, Guy R. B., 1.....Lower Granville.
Elliott, Laurie Benjamin, 1.....Dartmouth.
Gordon, George Huntley, 2.....Halifax.
Gould, William Matthew, 4.....Halifax.
Haverstock, W. Ernest, 1.....Halifax.
Lindsay, Murdoch Alexander, 3.....Halifax.
McCleave, Arthur Richard, 2.....Amherst.
McManus, Frederick Joseph, 2.....Halifax.
Murray, Laura E,.....Sussex, N. B.
O'Brien, Mary Augusta, 4.....Noel.
Stewart, William Edgar, 4.....Jackson, Cumb. Co.
Vickery, Reginald Edward.....Parrsboro.
Wilson, Joseph L,.....Bridgewater.
Wood, Burton Justice, 3.....Lakeville, King's Co.

FACULTY OF LAW.

UNDERGRADUATES.

THIRD YEAR.

Cumming, Lyman Hodge.....Westville.
Hanson, Richard Burpee, A. B.....Bocabec, N. B.
Keith, Donald, Jr., B. A.....Halifax.
Macneil, Malcolm George.....River Bourgeois, C.B.

Matheson, Donald Frank ..... St. Peters, C. B.
Moseley, Herbert Charles ..... Sydney, C. B.
Murray, Norman Grant, B. A ..... Halifax.
Oland, John Culverwell ..... Dartmouth.
Pugsley, Wm. Gaetz, A. B ..... Amherst.
Regan, Osmond R ..... Dartmouth.
Routledge, Arthur Weston, B. A ..... Sydney, C. B.
Sutton, Francis James ..... Moncton, N. B.

SECOND YEAR.

Bill, John Philip Wiser, A. B ..... Wolfville.
Calder, Archibald Clement ..... Campobello, N. B.
Chipman, Frank Beverley Allen, M. A ..... Kentville.
Harris, William James ..... Halifax.
Lockhart, Nathan Joseph, A. B ..... Pownal, P. E. I.
McCurdy, David Douglas ..... Antigonish.
Macdonald, William Roderick ..... Guysboro.
Murray, Adam Henry Stewart, B. A ..... Sussex, N. B.
Reid, Robert Alexander ..... St. John's, Nfld.
Rhodes, Edgar Nelson, B. A ..... Amherst.
Ritchie, John William Pringle, B. A ..... Halifax.
Sanford, Norman Stewart ..... Burlington.
Smith, George Percy, B. A ..... Shediac, N. B.
Squires, Richard Anderson ..... St. John's, Nfld.
Worsley, Pennyman John, B. A ..... Halifax.

FIRST YEAR.

Craig, Nelson Ross ..... Lockeport.
Hutchinson, George Alfred ..... Kingston, N. B.
Macleod, John Edward Annand, B. A ..... Dingwall, P. E. I.
Phalen, Thomas More, A. A., M. A ..... Little Bras d'Or, C.B.
Wallace, George Power ..... Halifax.

GENERAL STUDENTS.

DesBarres, Aubrey Henry ..... Guysboro.
DeWolfe, Margaret Woodill ..... Halifax.
Farrell, Robert Brindle ..... Halifax.
Kennedy, James Horace ..... Halifax.
Macleod, Colin Arthur ..... Springhill.
Mackean, James Alexander ..... West LaHave.
Main, Charles Ogg ..... Kingston, Kent, N. B.
Miller, Lemuel James ..... Charlottetown, P.E.I.
Moore, Clarence Lee, B. A ..... Salisbury, N. B.
Savary, Henry Phipps Otty ..... Annapolis.

FACULTY OF MEDICINE.

UNDERGRADUATES.

FOURTH YEAR.

Cameron, Harold ..... River John, Pictou.
Cochran, Wilfrid Northup ..... Newport, Hants.
Crosby, Leander Marshall ..... Hebron, Yar.
Dickson, Charles Harold ..... Pictou.
Faulkner, Ebenezer Ross, *B. A.*. (Dal.) ..... Folly Village, Col.
O'Brien, Milton Addison, *B. A.*, (Dal.) ..... Noel, Hants.
O'Donnell, Florence Maud ..... Halifax.
Roach, Edwin Bishop ..... Nappan Station, Cumb.

Robbins, Welton Havelock ..... Rossway, Digby.
Thomas, Lewis ..... Dartmouth.
Wardrope, Monson James ..... Milford, James.
Woodland, George Hart ..... Wallace, Cumberland.

THIRD YEAR.

Blackadar, Ross Livingstone ..... Hebron, Yarmouth.
Borden, Lorris Elijah, *B. A.*, (Dal.) ..... Sheffield Mills, Kings.
Cameron, Clarence Patrick Purcell ..... St. Peter's, C. B.
Campbell, Duncan George Joseph ..... Halifax.
Cock, James Lyall ..... Truro.
Corston, James Robert, *B. A.*, (Dal.) ..... Halifax.
Fulton, Silas Arthur ..... Truro.
Harris, William Cecil ..... Sheffield Mills, Kings.
Hebb, Arthur Morrison, *B. A.*, (Dal.) ..... Bridgewater.
King, Alfred Albert, *B. Sc.*, (Tor.) ..... Hilden, Col.
McGarry, Patrick Alphonso ..... Margaree, C. B.
McKay, William ..... Millsville.
MacKenzie, John James ..... Pictou.
McKinnon, William Francis, *B.A.*, (St. F. X.). Antigonish.
Millar, James Ross, *B. A.*, (Dal.) ..... Yarmouth.
Morse, George Randolph ..... Melvern Square.
Murphy, George Henry ..... Cross Roads, Ohio, Antig.
Philp, Martha Agnes Landers ..... Halifax.
Phinney, Willoughby Shafner ..... South Farmington, Annap.
Watson, David Thorburn Campbell ..... Kingston, Jamaica.

SECOND YEAR.

Archibald, Charles Clifford ..... Harmony, Col.
Austen, Minna May, *M. A.* (Dal.) ..... Halifax.
Brehaut, Lester ..... Murray Harbor, P. E. I.
Burris, Howard Lester ..... Little River, Musq'db't.
Coffin, Melville ..... Savage Harbor, P. E. I.
Crawford, Daniel McNeill ..... Wood's Island, P. E. I.
DesBrisay, Charles De LaCoeur ..... Lunenburg.
Dickey, Edwin Egbert ..... Upper Canard.
Earle, Richard William Laurance ..... Hampton, N. B.
Ellison, Reginald Bond Loomis ..... Bear River.
Fisher Franklin, *B. A.*, (Dal.) ..... Bay of Islands, Nfld.
Ford, Theodore Rupert ..... Milton.
Fuller, Lewis Obid ..... Avonport, Kings.
Hawboldt, Harvey David ..... Marriott's Cove, Chester,
Lawson, William Alfred ..... Wallace. [Lunenburg.
McAulay, Murdock Alexander ..... Glace Bay, C. B.
McCuish, Kenneth Angus ..... St. Peter's.
Maciver, John Angus ..... South Cove.
McKenzie, Kenneth Alexander ..... Springhill.
McKinnon, William Thomas Morris, *B.L.* (Dal). Amherst.
McLeod, Albert Churchill ..... Milton.
Morrison, John Charles ..... Englishtown, C. B.
Morse, Charles Dakin ..... Sandy Cove, Digby.
Moseley, Arthur John ..... Sydney, C. B.
Munro, Blanche Margaret ..... Antigonish.
Murray Daniel ..... Meadowville.
Norwood, Edmund Bambrick ..... Hubbard's Cove, Halifax.
Potter, Jacob Leslie ..... Canning.
Rice, Grace Elizabeth Bernard, *B. A.*, (Dal.). Weymouth.
Wallace, Peter James ..... Chatham, N. B.
Whitman, George Watson ..... Guysboro.
Woodbury, Frank Valentine ..... Dartmouth.

UNIVERSITY OF MICHIGAN
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FIRST YEAR.

Barton, Frederick Ray	Pubnico, Yar.
Buckley, Clarence Edward Albert	Halifax.
Champion, James Bearisto	Alberton, P. E. I.
Cunningham, Allan Rupert, *B. A.*, (Dal.)	Dartmouth.
Day, Frederick Breckin	Lockeport.
Day, Frederick William	Halifax.
Farquharson, William Oban, *B. A.*, (Dal.)	Halifax.
Gillis, Andrew Colin	Morar, Antigonish.
Hardy, George Albert	Alberton, P. E. I.
Jardine, Frederick W	Freetown, P. E. I.
Johnson, Thomas Ross	Onslow Mountain.
Kinkead, Edmund Clarke	Kingston, Jamaica.
Layton, James Smith, *B. A.*, (Dal.)	Marshfield, P. E. I.
McDonald, Thomas Davidson	Thorburn, Pictou.
McDonald, Thomas Henry	New Glasgow.
McKay, Daniel Alexander	Welsford, Pictou.
McKenzie, David Wallace	Flat River, P. E. I.
McKenzie, Eliza Margaret	Flat River, P. E. I.
McKenzie, Jemima	Waterside, Pictou.
McKenzie Luther Burns, *B. A.*, (Dal.)	Bedford.
Messinger, Stella May	Tupperville, Annapolis.
Miller, Arthur Frederick	Charlottetown.
Morrison, Bertha Leila	Dartmouth.
Rankine, John, *B. A.*, (Dal.)	Halifax.
Richardson, Chesley Alva Clarence	Sydney, C. B.
Slayter Robert Underhill	Halifax.
Stephens, Frederick Newton	Tenecape.

GENERAL STUDENTS.

Low Margaret	Halifax.
McKay, Katherine D	McLellan's Brook, Pictou.

*TIME TABLE—FACULTY OF LAW.

Hours.	*Monday.*	*Tuesday.*	*Wednesday.*	*Thursday.*	*Friday.*
9 to 10.	Shipping	Const. History.	Const. Law.	Const. History.	Const. Law.
10 to 11	Conflict of Laws. ..	Crimes	Crimes	.....	International Law.
11 to 12	.....	.....	Bills and Notes.	.....	Equity.
12 to 1.	.....	.....	Contracts	Moot Court	Contracts.
4.30 to 5.30	Real Property, 1st yr.	Real Property, 2nd yr.	Procedure.....	Partnership.....	Torts.
8 to 9.	.....	.....	.....	.....	....

*Subject to alteration.